

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY Protecting Texas by Reducing and Preventing Pollution

July 12, 2019

- TO: Persons on the attached mailing list.
- RE: Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Decision of the Executive Director.

The executive director has made a decision that the above-referenced permit application meets the requirements of applicable law. **This decision does not authorize construction or operation of any proposed facilities.** This decision will be considered by the commissioners at a regularly scheduled public meeting before any action is taken on this application unless all requests for contested case hearing or reconsideration have been withdrawn before that meeting.

Enclosed with this letter are instructions to view the Executive Director's Response to Comments on the Internet. A complete copy of the Executive Director's Response to Comments (including the mailing list), complete application, draft permit and related documents, including public comments, are available for review at the TCEQ Central Office. If you would like a hard copy mailed to you, please contact Kathy Humphreys, Staff Attorney at 512-239-3417 or kathy.humphreys@tceq.texas.gov. Additionally, a copy of the complete application, the draft permit, and executive director's preliminary decision are available for viewing and copying at: Ed & Hazel Richmond Public Library, located at 110 N Lamont Street Aransas Pass, Texas 78336; City Hall of Port Aransas, located at 710 W Avenue A Port Aransas, Texas 78373; La Retama Central Library, located at 805 Comanche Street Corpus Christi, Texas 78401; and Sinton Public Library, located at 100 N Pirate Blvd Sinton, Texas 78387.

If you disagree with the executive director's decision, and you believe you are an "affected person" as defined below, you may request a contested case hearing. In addition, anyone may request reconsideration of the executive director's decision. The procedures for the commission's evaluation of hearing requests/requests for reconsideration are located in 30 Texas Administrative Code Chapter 55, Subchapter F. A brief description of the procedures for these two requests follows.

How to Request a Contested Case Hearing.

It is important that your request include all the information that supports your right to a contested case hearing. Your hearing request must demonstrate that you meet the

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applicable legal requirements to have your hearing request granted. The commission's consideration of your request will be based on the information you provide.

The request must include the following:

- (1) Your name, address, daytime telephone number, and, if possible, a fax number.
- (2) The name of the applicant, the permit number and other numbers listed above so that your request may be processed properly.
- (3) A statement clearly expressing that you are requesting a contested case hearing. For example, the following statement would be sufficient: "I request a contested case hearing."
- (4) If the request is made by a group or association, the request must identify:
 - (A) one person by name, address, daytime telephone number, and, if possible, the fax number, of the person who will be responsible for receiving all communications and documents for the group;
 - (B) the comments on the application submitted by the group that are the basis of the hearing request; and
 - (C) by name and physical address one or more members of the group that would otherwise have standing to request a hearing in their own right. The interests the group seeks to protect must relate to the organization's purpose. Neither the claim asserted nor the relief requested must require the participation of the individual members in the case.

Additionally, your request must demonstrate that you are an **"affected person."** An affected person is one who has a personal justiciable interest related to a legal right, duty, privilege, power, or economic interest affected by the application. Your request must describe how and why you would be adversely affected by the proposed facility or activity in a manner not common to the general public. For example, to the extent your request is based on these concerns, you should describe the likely impact on your health, safety, or uses of your property which may be adversely affected by the proposed facility or activities. To demonstrate that you have a personal justiciable interest, you must state, as specifically as you are able, your location and the distance between your location and the proposed facility or activities.

Your request must raise disputed issues of fact that are relevant and material to the commission's decision on this application that were raised **by you** during the public comment period. The request cannot be based solely on issues raised in comments that you have withdrawn.

To facilitate the commission's determination of the number and scope of issues to be referred to hearing, you should: 1) specify any of the executive director's responses to **your** comments that you dispute; 2) the factual basis of the dispute; and 3) list any disputed issues of law.

How to Request Reconsideration of the Executive Director's Decision.

Unlike a request for a contested case hearing, anyone may request reconsideration of the executive director's decision. A request for reconsideration should contain your name, address, daytime phone number, and, if possible, your fax number. The request must state that you are requesting reconsideration of the executive director's decision, and must explain why you believe the decision should be reconsidered.

Deadline for Submitting Requests.

A request for a contested case hearing or reconsideration of the executive director's decision must be **received by** the Chief Clerk's office no later than **30 calendar days** after the date of this letter. You may submit your request electronically at <u>www.tceq.texas.gov/agency/decisions/cc/comments.html</u> or by mail to the following address:

Bridget C. Bohac, Chief Clerk TCEQ, MC-105 P.O. Box 13087 Austin, Texas 78711-3087

Processing of Requests.

Timely requests for a contested case hearing or for reconsideration of the executive director's decision will be referred to the TCEQ's Alternative Dispute Resolution Program and set on the agenda of one of the commission's regularly scheduled meetings. Additional instructions explaining these procedures will be sent to the attached mailing list when this meeting has been scheduled.

How to Obtain Additional Information.

If you have any questions or need additional information about the procedures described in this letter, please call the Public Education Program, toll free, at 1-800-687-4040.

Sincerely,

Bridget C. Boha

Bridget C. Bohac Chief Clerk

BCB/mgo

Enclosure

MAILING LIST for Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

FOR THE APPLICANT:

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INTERESTED PERSONS:

See attached list.

FOR THE EXECUTIVE DIRECTOR via electronic mail:

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GAUTHIER , DARLENE 702 N AUSTIN ST ROCKPORT TX 78382-2806

GECKLER , CHRIS 2301 ACKERMAN RD SAN ANTONIO TX 78219-3021

GILBERT , JACKIE 5348 MAGDELENA DR AUSTIN TX 78735-6378

GLEASON III , TOM 5705 SHOALWOOD AVE AUSTIN TX 78756-1121

GOLDBERG , MOSES & MOSES UNIT 903 6649 SEACOMBER DR PORT ARANSAS TX 78373-4877 FROST , KATHY 5004 CEDAR ST BELLAIRE TX 77401-4009

FULLER , DAVID Z PO BOX 283 PORT ARANSAS TX 78373

GABEL , SCOTT R PO BOX 1908 PORT ARANSAS TX 78373

GARLAND , RENEE 2530 11TH ST PORT ARANSAS TX 78373

GASPARD , CARROL & ERIC 1003 S 11TH ST PORT ARANSAS TX 78373

GAUTHIER , JACKIE 124 ABREGO RIDGE DR FLORESVILLE TX 78114-6667

GERHART , GARY E 2521 MACONDA LN HOUSTON TX 77027-4011

GILLESPIE , DONALD L 108 MACKEREL CT ARANSAS PASS TX 78336-1831

GODFREY , AUSTIN D 1420 WEBBERVILLE RD AUSTIN TX 78721-1406

GOLDBERG , MOSES & MOSES UNIT 1102 6649 SEACOMBER DR PORT ARANSAS TX 78373-4877 FUENTES , RUDOLPH JOEL 13518 VISTA DE ORO ST HOUSTON TX 77070-3529

FULTON , CATHY PO BOX 457 PORT ARANSAS TX 78373-0457

GALLEGOS , ANDREA NO 84 241 W COTTER AVE PORT ARANSAS TX 78373

GARRISON , PEGGY E 116 LORD AVE MUSCATINE IA 52761

GATES , TESSA PO BOX 2172 PORT ARANSAS TX 78373

GAYDOS , BECKY L 1702 W DEBERRY AVE ARANSAS PASS TX 78336-4204

GIAP , CHRISTINE 512 LIGHTSEY RD AUSTIN TX 78704-7024

GILMORE , JIM 3731 COUNTY ROAD 105 S ALAMOSA CO 81101

GOFF , KRISTIN E 6927 ROSEBUD HOLLOW LN RICHMOND TX 77469-5457

GOLDSBURY , MR ROBERT B 249 E SUMMIT AVE SAN ANTONIO TX 78212-3026 GONZALES , REFUGIO & RICHARD L APT A 1404 BARBERGALE ST PFLUGERVILLE TX 78660

GOSS , JERRY 11610 ONE TOKEN DR HOUSTON TX 77065-1025

GRAY , ELLEN L 513 LIGHTHOUSE CHANNEL PORT ARANSAS TX 78373-4215

GREEN , MRS GAIL PO BOX 1380 ORANGE GROVE TX 78372-1380

GRIFFIN , LESLIE PO BOX 1506 PORT ARANSAS TX 78373-1506

GUAJARDO , ANNA 6817 KIRKWOOD RD FORT WORTH TX 76116

GUSTAFSON , KIM S 12916 BISMARK DR AUSTIN TX 78748-1009

HALIOUA , MS LINDA PO BOX 1537 PORT ARANSAS TX 78373-1537

HAMILTON , ANNA PO BOX 374 PORT ARANSAS TX 78373

HAMMETT, JEFF 1160 MCELROY LN NEW ULM TX 78950-2007 GOODMAN , MRS KATHARINE P 545 N CAMBRIDGE WAY SALT LAKE CITY UT 84103-4235

GRAF , DEWAYNE & ROSEMARIE 804 SHENANDOAH RD WAUSAU WI 54403

GRAY , RICHARD J 743 COLLEGE BLVD SAN ANTONIO TX 78209-3625

GREENE , PAM 2412 HIGHWAY 361 PORT ARANSAS TX 78373

GROSECLOSE , MRS TINA 418 RED LANTERN PORT ARANSAS TX 78373-5704

GUERRA , ROLANDO B*TOWN REALTY 803 OLD PORT ISABEL RD BROWNSVILLE TX 78521-3557

GUTIERREZ , HECTOR 4713 GRAND LAKE DR CORPUS CHRISTI TX 78413-5249

HALLMARK , SPENCER GRAHAM 16130 CHARLYA DR TEMPLE TX 76502-6644

HAMILTON , SUE ELLEN 641 SANDKEY DR PORT ARANSAS TX 78373

HANNA , MR JAY 106 CRESTWOOD CT WEST LAKE HILLS TX 78746-4693 GORDON , MEL 16400 HENDERSON PASS SAN ANTONIO TX 78232-3302

GRAHAM , THOMAS PO BOX 264 AUSTIN TX 78701

GREEN , CINDY 2166 TIMBERLEAF CIR INGLESIDE TX 78362-6214

GREGG , PATRICK J 1931 PRAIRIE CREEK TRL FRISCO TX 75033-8349

GROSSE , MARK PO BOX 872 PORT ARANSAS TX 78373-0872

GUNCKEL , FORREST PO BOX 1833 PORT ARANSAS TX 78373

HAIN , JEFFREY A 1042 W YOUNG AVE ARANSAS PASS TX 78336

HALLUM JR , RICHARD L 3028 OAK VISTA LN ROUND ROCK TX 78681-3900

HAMM , MATTHEW 215 BLANCO ST PORTLAND TX 78374

HANNA , PAT M 3000 SPEIGHT AVE WACO TX 76711-1545 HARDINK-KING , PAMELA PO BOX 1958 PORT ARANSAS TX 78373

HARRIS , CHESTER 93 CESSNA ST SAYRE PA 18840-2757

HARRISON , DOUGLAS 1000 HARRISON RD NEW BRAUNFELS TX 78132-1671

HARTLEY , MR RICHARD ALAN HARTLEY UNIT 65 10 S BRIAR HOLLOW LN HOUSTON TX 77027-2817

HAWKINS , LORI 325 RIVERSIDE DR ANGLETON TX 77515-9111

HENDERSON , KATHY PO BOX 2482 PORT ARANSAS TX 78373

HERBST, SHANE 8914 VALHALLA SELMA TX 78154-1313

HESKEW , WAYNE R 621 BAYSHORE DR INGLESIDE TX 78362-4706

HESTER , ROGER NO 9 504 10TH ST PORT ARANSAS TX 78373

HICKS , DEBBIE 2091 SE 2800 ANDREWS TX 79714 HARPER , JUDY 1509 N COUNTY ROAD 2150 E LONGVIEW IL 61852

HARRIS , DEBORAH 5601 STATE HIGHWAY 361 PORT ARANSAS TX 78373

HARSHMAN , CATHY 821 OCEAN SIDE PORT ARANSAS TX 78373-5770

HARTMAN , JOYCE ANN 1727 PALISADES DR PORT ARANSAS TX 78373

HAYS , JOHN 1214 TIKI DR GALVESTON TX 77554-8123

HENDRY , DOUG 638 MARLIN AZUL PORT ARANSAS TX 78373

HERRIN , KELLY 4726 BUNNY RUN AUSTIN TX 78746

HESS , BRIDGETT 602 MULBERRY DR AUSTIN TX 78745-6424

HEWITT , CLINT PO BOX 6 MARKHAM TX 77456-0006

HICKS , DEBBIE UNIT 29 6877 STATE HIGHWAY 361 PORT ARANSAS TX 78373 HARRIS, CAROL & MARTY PO BOX 581 PORT ARANSAS TX 78373

HARRISON , MRS ANNE ROGERS TEXAS PARKS AND WILDLIFE DEPARTMENT 4200 SMITH SCHOOL RD AUSTIN TX 78744-3218

HART , DEBBIE 221 E AVENUE E PORT ARANSAS TX 78373

HATCH , DONALD PO BOX 39 ARANSAS PASS TX 78335-0039

HEIMANN , MARY ANN PO BOX 986 ARANSAS PASS TX 78335

HENDRY , JOYCE 638 MARLIN AZUL PORT ARANSAS TX 78373

HERRMANN , KAREN & RONALD J 602 CLINES LANDING PORT ARANSAS TX 78373

HESSELBACHER , ROBIN 3724 SAINT ANDREWS DR THE COLONY TX 75056-4614

HEWITT , MS ELIZABETH 6026 ROYAL WOOD SAN ANTONIO TX 78239-1631

HIGDON , PAULA UNIT 53 300 E COTTER AVE PORT ARANSAS TX 78373-5107 HILL , GREG 715 ACCESS RD 1A PORT ARANSAS TX 78373

HODGDON , MRS LYNNE 12600 HILL COUNTRY BLVD BEE CAVE TX 78738-6723

HOLT , DR. GLORIA JOAN 710 W AVENUE A PORT ARANSAS TX 78373-4128

HOOD , MARIELLEN W6460 OJIBWA RD SPOONER WI 54801-7223

HORVATH , STEPHANIE 207 LANDS END ST ROCKPORT TX 78382-9769

HUGHES , BENJAMIN 7881 MEADOWBROOK AVE FRISCO TX 75033-3615

HUYNH , TUAN 9907 TEZEL RD SAN ANTONIO TX 78254

INLOW , MICHAEL 16330 BROOK FOREST DR HOUSTON TX 77059-6502

ISRAEL , ERIC 21227 PENNSHORE LN KATY TX 77450-5660

JAMAIL , RONALD GRETEL DR 9002 N FITZGERALD WAY MISSOURI CITY TX 77459-6616 HILL , MICHAEL D 8295 COUNTY ROAD 179 RICHARDS TX 77873-4417

HOFFMAN , MARK 8618 SUNNY RIDGE DR HOUSTON TX 77095-3709

HOLT , GLORIA JOAN PO BOX 1199 PORT ARANSAS TX 78373-1199

HOPPER , MS ANDREA G UNIT 210 6275 STATE HIGHWAY 361 PORT ARANSAS TX 78373-4713

HOWARD , FRED H 3623 ROBINSON RD MISSOURI CITY TX 77459-4313

HUGHES , EVAN F PO BOX 341355 AUSTIN TX 78734-0023

ICE , LAUREN FREDERICK PERALES ALLMON & ROCKWELL PC 1206 SAN ANTONIO ST AUSTIN TX 78701-1834

INSCORE , GORDON 5500 MCGREGOR LN DRIPPING SPRINGS TX 78620-2464

JACKSON , SEAN UNIT 53 300 E COTTER AVE PORT ARANSAS TX 78373-5107

JAMES , MR LUCAS MARSHALL KIEWIT OFFSHORE SERVICES 1340 WALNUT ST NEW ULM TX 78950-2165 HILLIN , LILA & STEVEN 629 SANDPIPER CIR PORT ARANSAS TX 78373

HOLLAND , MR KEVIN M CERVELLE HOMES 207 E EDGEWOOD DR FRIENDSWOOD TX 77546-3820

HOLT , SCOTT PO BOX 1199 PORT ARANSAS TX 78373-1199

HORTON , NICOLE 1015 WHISPERING SANDS ST PORT ARANSAS TX 78373-5719

HOWARD , STEVE 19311 RIVERWALK DR PORTER TX 77365-3758

HUTCHENS , DAVID 120 GULFWIND DR PORT ARANSAS TX 78373-4955

IMHOFF , MR BILL 400 MARINA DR PORT ARANSAS TX 78373-4907

ISBELL , JIM ISBELL INDUSTRIES INT PO BOX 783 INGLESIDE TX 78362-0783

JACOBSON , SANDRA 1883 COUNTY ROAD 299 BAY CITY TX 77414-4124

JAMES , THERESA PO BOX 932 PORT ARANSAS TX 78373 JASEK , LOUIS 527 WOODCREST DR SAN ANTONIO TX 78209-2938

JESSEE , JULIA 311 WILDROSE AVE SAN ANTONIO TX 78209-3816

JOHNSON III , EVERETT TEXAS SALTWATER FISHING MAGAZINE PO BOX 429 SEADRIFT TX 77983-0429

JOHNSON , KATHRYN M 528 TERRELL RD SAN ANTONIO TX 78209

JOHNSON , RAE A 2600 STATE HIGHWAY 361 PORT ARANSAS TX 78373

JONES , MS KAREN J PO BOX 186 BERRYVILLE AR 72616-0186

JULIAN , ROBERT 700 LANTANA DR PORT ARANSAS TX 78373

KENNEDY , RANDI K 1319 S 11TH ST PORT ARANSAS TX 78373-5755

KING , JAMES HARRISON PO BOX 109 FORT DAVIS TX 79734-0109

KITHAS , STEPHANIE 3232 CHERYL LN HALTOM CITY TX 76117-3523 JEFFREY , JAMES 1071 CHAPMAN RD CRAWFORD TX 76638-2646

JESSEE , LAWSON 311 WILDROSE AVE SAN ANTONIO TX 78209-3816

JOHNSON , GARY 4238 PIRATES BCH GALVESTON TX 77554-8055

JOHNSON , KIM PO BOX 3290 PORT ARANSAS TX 78373-3290

JOHNSON , MR SETH MICHAEL 4015 DUCCIO RIVER WAY KATY TX 77493-2866

JONES , CAPT KENNETH KENJO FLY CHARTERS 610 SANDY LN PORT ARANSAS TX 78373-6160

KANE , PAYTON G APT A 604 S SAINT MARYS ST SAN ANTONIO TX 78205-3420

KENNEDY , RUSSELL 1319 S 11TH ST PORT ARANSAS TX 78373-5755

KING , TAMMY 1004 PRIVATE ROAD C PORT ARANSAS TX 78373-5033

KLEE , JOHN & PAM UNIT D2 900 N STATION ST PORT ARANSAS TX 78373-5099 JENNINGS , JOAN D 15 COUNTRY CLUB PL BEEVILLE TX 78102

JOHNS , DAVID APT 1517 8727 SOUTHWESTERN BLVD DALLAS TX 75206-8283

JOHNSON , JASMINE 1128 SEA SECRET ST PORT ARANSAS TX 78373-5734

JOHNSON , RAE A 7011 LICKING TRAILS RD NEWARK OH 43056

JOHNSTONE , CLIFF 15857 EL SOCCORRO LOOP CORPUS CHRISTI TX 78418-6603

JONES , WILLIAM J 326 JONES RANCH RD MEDINA TX 78055-3707

KATO , CHRISTOPHER ALLIES AUTOMOTIVE 11230 SLAUGHTER CREEK DR AUSTIN TX 78748-2237

KENYON , TERRY 1914 MISSION SPRINGS DR KATY TX 77450-5085

KIRKMAN , SUSAN NO 11 2600 STATE HIGHWAY 361 PORT ARANSAS TX 78373

KLEIN , JAMES E CLEAN ECONOMY COALITION 3501 MONTERREY ST CORPUS CHRISTI TX 78411-1709 KLING , PATRICIA L LOT 487 120 GULFWIND DR PORT ARANSAS TX 78373-4955

KOEPP , ANNETTE L 348 HOMERIDGE DR LA VERNIA TX 78121

KOLLMAN , JANET 501 E OAKS AVE PORT ARANSAS TX 78373

KRAVIK , DEBORAH J 571 280TH ST OSCEOLA WI 54020-4018

KULCIK , TOM 11 STICKLEY CT THE WOODLANDS TX 77382-2889

LANDRY , KURT 17155 KNOLL DALE TRL CONROE TX 77385-1121

LARA , MR RAYMOND MICHAEL 3918 KILLARNEY DR SAN ANTONIO TX 78223-2858

LARSEN , MARG PO BOX 2601 PORT ARANSAS TX 78373

LAVELY , WILBERT 1419 E PAISANO DR ROCKPORT TX 78382

LECLAIR , JAMES S 2435 LONG RD LOCKHART TX 78644-3498 KNIPPA , JAKE PO BOX 130 CEDAR CREEK TX 78612-0130

KOLKHORST, THE HONORABLE LOIS W STATE SENATOR THE SENATE OF TEXAS DISTRICT 18 TEXAS CAPITOL ROOM 3E.2 PO BOX 12068 AUSTIN TX 78711-2068

KOSMAS , CONSTANCE 11146 WANDERING WAY AUSTIN TX 78753

KRAVIK , DEBORAH J PO BOX 552 PORT ARANSAS TX 78373

LABORDE , JACOB FREDERICK PERALES ALLMON ROCKWELL PC 1206 SAN ANTONIO ST AUSTIN TX 78701-1834

LANGSTON , LULU R UNIT 604 720 BEACH ACCESS ROAD 1A PORT ARANSAS TX 78373-6106

LARSEN , DANIEL P 7007 170 RAINBOW DR LIVINGSTON TX 77399-1070

LARSON , DEBORAH A 3600 ENGLAND ST BISMARCK ND 58504

LAW , JASON 8530 SILVER LURE DR HUMBLE TX 77346-8132

LEDESMA JR , MR ISRAEL 410 WILLOW VISTA DR EL LAGO TX 77586-6020 KOEHN , CYNDI PO BOX 152 WEIMAR TX 78962-0152

KOLLAJA , MALLORY S BRISTOL WEST INSURANCE COMPANY PO BOX 1658 PORT ARANSAS TX 78373-1658

KRAMPITZ , ANITA & JOHN B 536 ARANSAS CHANNEL PORT ARANSAS TX 78373

KRUEGER , JO ELLYN PO BOX 14 PORT ARANSAS TX 78373-0014

LANCASTER , HERB 260 E GOODNIGHT AVE ARANSAS PASS TX 78336-1954

LANNING , BOBBIE L PO BOX 1751 PORT ARANSAS TX 78373

LARSEN , MR DAVID 4305 ROLLING WATER DR PFLUGERVILLE TX 78660-5577

LATCHAM , GINA PO BOX 10 BEEVILLE TX 78104

LAYDEN , JAMES D 4510 HONEYVINE LN PROSPER TX 75078-1214

LEE , SANDRA 229 DEAD ENDS DR ROCKPORT TX 78382 LEGGETT , ZACHARY 5365 WELLINGTON LN LUMBERTON TX 77657-1111

LESINSKI , MS AMANDA 15614 FINISTERE ST CORPUS CHRISTI TX 78418-6445

LIBBY , RUTH A 207 ELMWOOD DR NEW BRAUNFELS TX 78130

LINDNER , HEATHER 206 TOPHILL RD SAN ANTONIO TX 78209

LINDSEY , JOY 27827 BOGEN RD NEW BRAUNFELS TX 78132-3875

LITTON , MICHAEL 2604 OAKWOOD GLEN DR CEDAR PARK TX 78613-5120

LOFLAND , JESSIE L 1942 1415 LADELLE ST WHARTON TX 77488-3427

LOPEZ , ANALISA 6311 JADE GLN SAN ANTONIO TX 78249

LORING , LYNN NO 163 1107 S 11TH ST PORT ARANSAS TX 78373

LORING III , PORTER 116 AUBURN PL SAN ANTONIO TX 78209 LELEUX , JOHN D K-JOHNS FISHING CHARTERS 1615 COUNTY ROAD 145 KENEDY TX 78119-4474

LEWIS , CAROL S 2709 ERIE DR CORPUS CHRISTI TX 78414

LINDNER , DOROTHY 515 HOLIDAY RD COMFORT TX 78013

LINDNER , PATRICK 515 HOLIDAY RD COMFORT TX 78013

LIPINCOTT , ROB GUERO'S TACO BAR 1412 S CONGRESS AVE AUSTIN TX 78704-2435

LOBUE , JOE PO BOX 84 ROCKDALE TX 76567-0084

LOHSE , CAPT DAVID PO BOX 3578 SOUTH PADRE ISLAND TX 78597-3578

LOPEZ , ROBIN 6311 JADE GLN SAN ANTONIO TX 78249

LORING , LYNN 116 AUBURN PL SAN ANTONIO TX 78209

LORSON , MR DON 14 SHAWNEE RIDGE CT THE WOODLANDS TX 77382-2550 LEMBO , JOHN 13997 PORTS O CALL DR CORPUS CHRISTI TX 78418

LIBBY , GLIDDEN N 207 ELMWOOD DR NEW BRAUNFELS TX 78130

LINDNER , DOROTHY 824 AVENUE C PORT ARANSAS TX 78373

LINDNER , RICHARD 206 TOPHILL RD SAN ANTONIO TX 78209

LITTON , CHANCE 25998 PARK BEND DR NEW BRAUNFELS TX 78132-2938

LOEFFLER , CINDY TEXAS PARKS AND WILDLIFE DEPARTMENT 4200 SMITH SCHOOL RD AUSTIN TX 78744-3218

LONGORIA , MR ARMANDO H PO BOX 769646 SAN ANTONIO TX 78245-9356

LORETTE , MICHELE 413 MUSTANG BLVD PORT ARANSAS TX 78373-4917

LORING III , PORTER NO 163 1107 S 11TH ST PORT ARANSAS TX 78373

LOWERRE , RICHARD W FREDERICK PERALES ALLMON & ROCKWELL PC 1206 SAN ANTONIO ST AUSTIN TX 78701-1834 LUEDEMANN , W F 5144 TANGLE LN HOUSTON TX 77056

MACHAC , MR TERRY J PO BOX 2828 ROCKPORT TX 78381-2828

MANCHESTER JR , MR JAMES 14 TWELVE PINES CT THE WOODLANDS TX 77381-2685

MARCO , SALLY 1128 SEA SECRET ST PORT ARANSAS TX 78373-5734

MAREK , J D 702 SUSIE CT SAN ANTONIO TX 78216

MARKEY , PETER 115 ANGELFISH CT ARANSAS PASS TX 78336

MARKSMAN , EDWARD W1631 COUNTY ROAD M WHITE LAKE WI 54491

MATSON , CAPT RONALD LOT 1115 600 ENTERPRISE BLVD ROCKPORT TX 78382-4343

MATTHEWS , MILES 2814 BENT BOW DR SAN ANTONIO TX 78209-3011

MAY, ROBERT A 301 E HUNTINGTON ST BEEVILLE TX 78102 LYERLY , DIANE 1066 VERBENA DR AUSTIN TX 78750-1403

MACK , BEATRICE 530 LYDIA ANN CHANNEL PORT ARANSAS TX 78373

MANER , JOHN A 120 GULFWIND DR PORT ARANSAS TX 78373-4955

MARCO , SALLY PO BOX 403 PORT ARANSAS TX 78373-0403

MARION , J 1301 LONE STAR RD FULTON TX 78358

MARKEY , SHARM 115 ANGELFISH CT ARANSAS PASS TX 78336

MARTIN , BILL 927 N COMMERCIAL ST ARANSAS PASS TX 78336

MATSUNAMI , SHELLY 13008 COTTONWOOD LN SPRINGFIELD NE 68059

MAY , CRAIG 17206 HORSESHOE WAY NEW CANEY TX 77357-4716

MCALPIN , RONALD L 30629 BUCK LN BULVERDE TX 78163-2113 MACDONALD , KIMBERLY PO BOX 2299 PORT ARANSAS TX 78373

MAINDELLE , ROBERT C 2328 PIRTLE DR SALADO TX 76571-6041

MANER , JOHN A 741 S CLIFTON AVE WICHITA KS 67218

MARCYES , MS TONNA 14834 BESCOTT DR AUSTIN TX 78728-5729

MARION , RACHEL 1301 LONE STAR RD FULTON TX 78358

MARKSMAN , CHARLENE W1631 COUNTY ROAD M WHITE LAKE WI 54491

MARTIN , MR WILLIAM GRIER 939 MILLGROVE LN HOUSTON TX 77024-2612

MATTHEWS , JOSEPH L 4219 NOBLE CYPRESS CT HOUSTON TX 77059-3272

MAY, LOU ADELE 301 E HUNTINGTON ST BEEVILLE TX 78102

MCCALL , PATRICK H PO BOX 2704 PORT ARANSAS TX 78373-2704 MCCLELLAN , LISA 315 CUT OFF RD PORT ARANSAS TX 78373-4218

MCGINTY , CHRIS H 15133 AQUARIUS ST CORPUS CHRISTI TX 78418-6904

MCINTOSH , MRS MARGARET I UNIT 52 300 E COTTER AVE PORT ARANSAS TX 78373-5107

MCKINNEY , JOHN PO BOX 2494 PORT ARANSAS TX 78373-2494

MCQUEEN , NEIL 4213 ESTATE DR CORPUS CHRISTI TX 78412-2428

MENCHACA, JOHN C 5315 FREDERICKSBURG RD SAN ANTONIO TX 78229-3595

MERRITT , RANDALL C 201 BARTON SPRINGS RD AUSTIN TX 78704-1210

MILLER , KATHERINE 220 E OAKS VE PORT ARANSAS TX 78373

MONN , MR JASON 11018 COLLINGSWOOD LA PORTE TX 77571-4396

MOORE, ETHEL WHITE MWM AND ASSOCIATES LLC 603 RIVER RD SAN ANTONIO TX 78212-3123 MCCUNE , CAPT SCOTT ALLEN 301 CAPE VELERO DR ROCKPORT TX 78382-7375

MCHUGH , SHIRL 2204 JOHN TEE DR CEDAR PARK TX 78613-1753

MCIVER , MR TAL 1101 OTTAWA DR AUSTIN TX 78733-2635

MCMANUS , MICHAEL 3064 CAMDEN PARK LN LEAGUE CITY TX 77573-7175

MECHLER , S L 26 ROSEHEART SAN ANTONIO TX 78259-2264

MERRITT , MRS JULIA PO BOX 50523 AUSTIN TX 78763-0523

MESSLEY , CHARLES 3413 FORGE DR BENTON AR 72015

MILNER , DANA 4900 KELLY ELLIOTT RD ARLINGTON TX 76017

MOONEY , THOMAS W 1301 SMOKEHOUSE RD ROCKPORT TX 78382

MOORE , KRYSTAL 5732 SHADY SPRINGS TRL FORT WORTH TX 76179-3726 MCDONOUGH , CAPT GARY N 507 E AVENUE C PORT ARANSAS TX 78373

MCICHANY , BRYAN 120 LAMAR BEACH RD ROCKPORT TX 78382-7919

MCKEEN , DANIEL LOT 309 120 GULFWIND DR PORT ARANSAS TX 78373-4955

MCMILLIN , MR ROBERT PO BOX 1327 PORT ARANSAS TX 78373-1327

MEDINA , HONORATO 214 RIVER BRIAR LN RICHMOND TX 77406-2764

MERRITT , LINDA PO BOX 2820 PORT ARANSAS TX 78373

MIESSNER , PATRICIA J 8324 S US HIGHWAY 131 MANCELONA MI 49659

MINOR , ERIC C 603 REYNALDO ST DICKINSON TX 77539-6122

MOORE , CHARLES R 241 W COTTER AVE PORT ARANSAS TX 78373

MOORE , MILBY 129 GILES RANCH RD COMFORT TX 78013 MORA , SUSAN M 700 LANTANA DR PORT ARANSAS TX 78373

MORGAN , SHELBY 13106 PEBBLEWALK CIR N HOUSTON TX 77041-1823

MOSER , JAMES PO BOX 157 BRENHAM TX 77834-0157

MOYER , MARIA 2242 S TERRACE DR WICHITA KS 67218

MURRILL , JAMES B 13411 ALCHESTER LN HOUSTON TX 77079-7103

MYSKA , GLEN ALLEN 458 DUSKYWING WAY RICHMOND TX 77469-2156

NAVA , TONY 5802 OAKDALE MDWS SPRING TX 77379-5558

NEIL , MR MATTHEW 13002 BROKEN BROOK CT CYPRESS TX 77429-2274

NELSON , GREG 6745 SEACOMBER DR PORT ARANSAS TX 78373-4934

NEWMANN , CATENA PO BOX 3167 PORT ARANSAS TX 78373 MORALES , PAULA G 4606 BAY POINT DR ARLINGTON TX 76016

MORRIS , JOHN PO BOX 1677 PORT ARANSAS TX 78373-1677

MOTT , TINA 1333 SEA SECRET ST PORT ARANSAS TX 78373-5740

MUECKE , MARK WALTER 211 THELMA DR SAN ANTONIO TX 78212-2519

MYERS , BARBARA 9706 GEMINI DR SAN ANTONIO TX 78217

NAGY , DIANE E UNIT 230 5973 STATE HIGHWAY 361 PORT ARANSAS TX 78373

NEAGLE , JOSHUA NO 11 2600 STATE HIGHWAY 361 PORT ARANSAS TX 78373

NEIMANN , MRS DIANNE 424 TROJAN ST PORT ARANSAS TX 78373-5404

NELSON , RICK 2450 SPRUCE AVE ESTES PARK CO 80517-7146

NICHOLS , DONNA M 24 SUNDAY COVE LN MADISON NH 03849 MORDICA , MRS TERESA 2120 TIMBERHILL DR PLEASANTON TX 78064-1534

MORRISON , C LYNLEE STE 1 217 E BANDERA RD BOERNE TX 78006-2992

MOYER , CHRISTOPHER 2242 S TERRACE DR WICHITA KS 67218

MURFF , STEVEN 5607 SHOALWOOD AVE AUSTIN TX 78756-1623

MYERS , WILL ROBERT APT A31 3215 EXPOSITION BLVD AUSTIN TX 78703-1241

NANGLE , DOLORES I 201 S 18TH ST HERRIN IL 62948-2207

NEIHART , MS KATHY L UNIT A 105 E AVENUE E PORT ARANSAS TX 78373-4138

NELSON, DEB & GREG 6745 SEACOMBER DR PORT ARANSAS TX 78373-4934

NEUMANN , CATENA & ROBERT W PO BOX 3167 PORT ARANSAS TX 78373

NIEMANN , MARY DIANNE 424 TROJAN ST PORT ARANSAS TX 78373-5404 NIPPER , BOB 743 ROLLING MILL DR SUGAR LAND TX 77498-3077

NOVEY , KATHRYN APT 314 720 BEACH ACCESS ROAD 1A PORT ARANSAS TX 78373-6106

O'CONNOR , BRENDAN 172 DIAL DR BEEVILLE TX 78102

OCKER, GAIL & RICHARD PO BOX 2988 PORT ARANSAS TX 78373-2988

OLIVER , JOHN 110 MADERA WAY ABILENE TX 79602-4412

ORDNER , MICHAEL 6107 COUNTY ROAD 99 SANDIA TX 78383-5737

ORTIZ , JOHNNY JOE 476 W COLL ST NEW BRAUNFELS TX 78130

OSWALD , JOHN 16913 BORROMEO AVE PFLUGERVILLE TX 78660-4878

OWENS , ELIZABETH DEEP SEA HEADQUARTERS PO BOX 388 PORT ARANSAS TX 78373-0388

OWENS , MR STEVE 11211 MIDDLEBURGH DR TOMBALL TX 77377-8734 NOELKE , BEN 520 FARLEY ST PORT ARANSAS TX 78373

NOVITT , JOHN 7795 WALTER DR WOODRUFF WI 54568

O'CONNOR , CECILE 172 DIAL DR BEEVILLE TX 78102

OGLE , TESHA PO BOX 566 PORT ARANSAS TX 78373

OLLE , GARY 467 BAHIA MAR PORT ARANSAS TX 78373

OROIAN , COLLEEN 10 PO BOX 1657 PORT ARANSAS TX 78373-1657

ORTIZ , MARY LOU 476 W COLL ST NEW BRAUNFELS TX 78130

OTTMERS , BRYAN 503 KENDALL PKWY BOERNE TX 78015-8323

OWENS , ELIZABETH FINS GRILL AND ICEHOUSE PO BOX 1697 PORT ARANSAS TX 78373-1697

PADGETT , DAVID L 25614 FORESTBURG CT SPRING TX 77386-2655 NOSKA , JASON 1124 HARDEE ST ROCKPORT TX 78382-4619

O'BRIEN , KAITLIN 21339 CEDAR GAP SAN ANTONIO TX 78266-2760

OATES , NORMAN C 120 SEA MIST DR ARANSAS PASS TX 78336

OHLHAUSEN , REBECCA STE 106-466 11703 HUEBNER RD SAN ANTONIO TX 78230-1201

OLMSTEAD , KEVIN PO BOX 976 BAUDETTE MN 56623

ORTIZ , ALEX & AVA UNIT B17 14427 COMPASS ST CORPUS CHRISTI TX 78418-6189

OSHMAN , SANDRA 408 BLUE HERON DR PORT ARANSAS TX 78373

OWENS , BETH 551 LA COSTA CAY PORT ARANSAS TX 78373

OWENS , KELLY RED DRAGON PIRATE CRUISES PO BOX 388 PORT ARANSAS TX 78373-0388

PALMER , CAMILLA 2287 COUNTY ROAD 408 BEEVILLE TX 78102 PANCAMO , BRETT 950 S BAY ST ARANSAS PASS TX 78336-5810

PARKS , KAREN 913 ROLLING DR ATHENS TX 75751

PARRISH , MAXEY 324 PECAN VILLAGE CIR WACO TX 76710-2157

PATE , RICK DOOR 375 DOSHER LN WOODWAY TX 76712-2510

PATTON , ROBERT 5201 CAMP BOWIE BLVD FORT WORTH TX 76107-4812

PAYNE , RICHARD 982 LEE RD ARANSAS PASS TX 78336-6609

PEARSON , CHUCK PO BOX 1427 PORT ARANSAS TX 78373

PENA , DANIEL 1810 VERA INGLESIDE TX 78362-4617

PETER , LOUIS PO BOX 199 CEDAR LANE TX 77415-0199

PHILLIPS , DR. TODD W 15206 FALL RIDGE DR SAN ANTONIO TX 78247-3222 PANCAMO , SHANNON 950 S BAY ST ARANSAS PASS TX 78336-5810

PARR , DENISE 207 S GULF ST PORT ARANSAS TX 78373

PAST , KAY 842 GILL RANCH RD BEEVILLE TX 78102

PATE , TERESA 375 DOSHER LN WACO TX 76712-2510

PAULISON , BOB 15821 ALMERIA AVE CORPUS CHRISTI TX 78418-6502

PAYTON , REGINA 506 W BRAZOS ST VICTORIA TX 77901

PEARSON , RETA PO BOX 1427 PORT ARANSAS TX 78373

PERKINS , ANDREW 20801 PLAZA CIR CROSBY TX 77532-6877

PFLUGER , CHRISTA GAIDA 410 TROJAN ST PORT ARANSAS TX 78373-5404

PIERCE , MARY LOU 10891 E BERRY PL ENGLEWOOD CO 80111 PANTESA , PAUL 3527 SAN FERNANDO ST SAN ANTONIO TX 78207

PARR , SUZANNE 14233 PLAYA DEL REY CORPUS CHRISTI TX 78418

PATE , MARNIE 211 TROJAN ST PORT ARANSAS TX 78373

PATTON , ANNA PO BOX 937 PORT ARANSAS TX 78373-0937

PAYER , DAN H 207 HARRIET DR SAN ANTONIO TX 78216-7305

PEARSON JR , CHARLES L PO BOX 1427 PORT ARANSAS TX 78373

PECORE , DAN PO BOX 528 PORT ARANSAS TX 78373-0528

PERSONETTE JR , ALAN J 5240 CUMBERLAND DR LEAGUE CITY TX 77573-1716

PHILLIPS , MRS KATE 3222 GILLESPIE ST HOUSTON TX 77020-6024

PITTMAN , JERRY L PO BOX 95 FORT DAVIS TX 79734 PLOETZ , SCOTT 625 PASEO CANADA ST SAN ANTONIO TX 78232-1110

PLUNKETT , JULIE A 517 LANTANA DR PORT ARANSAS TX 78373

POSEY , MATTHEW 116 TANGLEWOOD DR ALEDO TX 76008-3967

POWERS , BRECK LBJ CONSTRUCTION LP 5438 GUHN RD HOUSTON TX 77040-6211

PRATT , CAMERON 639 E AVENUE B PORT ARANSAS TX 78373-5201

PRICE , CALLAN 4018 CLAUDIA DR CORPUS CHRISTI TX 78418

PRUETT , GARY 7925 ETIENNE DR CORPUS CHRISTI TX 78414-6013

RADTKE , CINDY L 105 HONEYCOMB MESA LEANDER TX 78641-8959

RANDAZZO JR , JOSEPH 3124 FM 2673 CANYON LAKE TX 78133

RAY , HARPER 520 FARLEY ST PORT ARANSAS TX 78373 PLUNKETT , CHARLES 517 LANTANA DR PORT ARANSAS TX 78373

PLUNKETT , JULIE A 15115 CADILLAC DR SAN ANTONIO TX 78248

POSTON , BETH PO BOX 998 VALLEY MILLS TX 76689-0998

POWERS , SHELLEY PO BOX 2334 PORT ARANSAS TX 78373-2334

PRESLEY , COLE 1015 COOPER SPRINGS DR SPRING TX 77373-7737

PROULX , KEITH W PO BOX 1897 PORT ARANSAS TX 78373

QUINONES , MR EDUARDO 2106 MELINDA DR MISSION TX 78572-3043

RANDALL , LAURI 10603 SIERRA OAKS AUSTIN TX 78759-5166

RANGEL , LOUIE 2502 WOOD RUN SAN ANTONIO TX 78251-2540

READER , JUDITH 213 GRAHAM RD CORPUS CHRISTI TX 78418 PLUNKETT , CHARLES 15115 CADILLAC DR SAN ANTONIO TX 78248

PORTER , MRS MARIE 930 CHANNEL VISTA DR PORT ARANSAS TX 78373-4209

POSTON , ELIZABETH ANNE PO BOX 998 VALLEY MILLS TX 76689-0998

POWERS , TIFFINY 3119 HACKBERRY AVE INGLESIDE TX 78362

PRESTON , MELISSA 862 OCEAN SIDE PORT ARANSAS TX 78373-5770

PROULX , ROSALIE A PO BOX 1897 PORT ARANSAS TX 78373

QUINONES-WHITMORE , GERARDO D 1703 N SAINT MARYS ST BEEVILLE TX 78102-2738

RANDALL , MR REESE 11 PADDLECREEK AVE CHARLESTON SC 29412-2541

RAPER , JIMMY 110 REDFISH CT ARANSAS PASS TX 78336-5330

REDWINE , MICHAEL 960 N HOUSTON ST ARANSAS PASS TX 78336-2716 REEDER , MS H SUZANNA KELLER WILLIAMS COASTAL BEND REALTY PO BOX 808 PORT ARANSAS TX 78373-0808

REINHART , MR PAUL 108 HAWTHORNE PL PORTLAND TX 78374-1428

RICH , MR ROBERT 16807 DORMAN DR ROUND ROCK TX 78681-3666

RIDDLE , DEBBIE & TRINNON PO BOX 241 PORT ARANSAS TX 78373

RITTER , CAROLE 237 W YOAKUM AVE ARANSAS PASS TX 78336-2532

ROBERTSON , JIMMY 3602 BRIDLE PATH AUSTIN TX 78703-2647

ROGERS, HENRY & JULIE 710 FURMAN AVE CORPUS CHRISTI TX 78404

ROSSON , TODD STE 1900 401 CONGRESS AVE AUSTIN TX 78701-4071

RUFF , PAUL PO BOX 1423 PORT ARANSAS TX 78373

RUTTERFORD , BRIE 1037 OAKLANDS DR ROUND ROCK TX 78681-2701 REEVES , MR BILL 900 LITTLE CYPRESS CV GEORGETOWN TX 78633-5715

RENTZ , JERRY RENTZ ELECTRIC 12026 WARFIELD ST SAN ANTONIO TX 78216-3217

RICHESON , RHONDA 1721 BELLE PL FORT WORTH TX 76107

RINNER , LISA 1959 527 WOODCREST DR SAN ANTONIO TX 78209-2938

RIVERA , JESSICA 215 BLANCO ST PORTLAND TX 78374

ROCKWOOD , GAYLYN 14114 SAGE TRL SAN ANTONIO TX 78231-1975

ROMEYN , JACQUELINE PO BOX 25 PORT ARANSAS TX 78373

ROWE, JANET & KENNETH W 524 ARANSAS CHANNEL PORT ARANSAS TX 78373

RUGGLES , JOHN MICHAEL 322 PEERMAN PL CORPUS CHRISTI TX 78411-1610

SABA , DAVE 501 W 10TH ST HOUSTON TX 77008-6701 REICHARDT , HENRY G 18 EVERGREEN DR ROUND ROCK TX 78664-9735

RHEA , C 2704 SKIVUE DR ARGYLE TX 76226

RICHESON , RHONDA 2120 11TH ST PORT ARANSAS TX 78373

RITTER , CAROLE & DOUGLAS 237 W YOAKUM AVE ARANSAS PASS TX 78336-2532

ROARK , ADAM 1975 11803 COBBLESTONE DR HOUSTON TX 77024-5136

ROGERS, EMILY W BICKERSTAFF HEATH DELGADO ACOSTA LLP BLDG 1 STE 300 3711 S MOPAC EXPY AUSTIN TX 78746-8013

ROSS , MARIANNE 8330 SUMMERWOOD DR AUSTIN TX 78759-8225

RUFF , LISA PO BOX 1423 PORT ARANSAS TX 78373

RUSZCZYK , LISA STE B 345 N ALISTER ST PORT ARANSAS TX 78373

SALG , MARY ELLEN 300 S GULF ST PORT ARANSAS TX 78373-4102 SAMPSON , DALIN 7350 MCARDLE RD CORPUS CHRISTI TX 78412-4246

SATHER , DENNIS & VICTORIA 25564 E CLARK LAKE RD NISSWA MN 56468

SCHMALZ , DELLA J W7239 CABLE LAKE RD SPOONER WI 54801-8813

SCHROEDER , CODY W 602 CEDAR RIDGE DR PFLUGERVILLE TX 78660-6801

SCHWENK , ANNETTE NO 15 400 E COTTER AVE PORT ARANSAS TX 78373

SCOTT , JEFF 401 OLD MILL DR DRIPPING SPRINGS TX 78620-4695

SEARIGHT , SARAH 1504 LORRAIN ST AUSTIN TX 78703

SEGER , WILL M 9250 BOAT CLUB RD FORT WORTH TX 76179-3263

SHANT , SHELLI 1110 ORION DR PORTLAND TX 78374

SHEARER , KIMBERLY PO BOX 3144 PORT ARANSAS TX 78373 SANDERS , BECKY 69 REDFISH DR ROCKPORT TX 78382-9253

SATHER , DENNIS & VICTORIA 622 BEACH ACCESS ROAD 1A PORT ARANSAS TX 78373

SCHMALZ , GUY W7239 CABLE LAKE RD SPOONER WI 54801-8813

SCHROEDER , MYRON 246 E STODDARD AVE ARANSAS PASS TX 78336-1801

SCOTT , CAROLINE 2103 CYPRESS PT E AUSTIN TX 78746-7220

SCOVILLE , DORIS 4820 SANIBEL LN PORT ARANSAS TX 78373-4812

SEARIGHT , SARAH PO BOX 2043 PORT ARANSAS TX 78373

SEIBERT , RICHARD 487 BIG SKY DR NEW BRAUNFELS TX 78132-4433

SHARPE , GERALD B 250 ROCKHILL DR SAN ANTONIO TX 78209-2222

SHEETS , DANA 13460 BERNADETTE CT STERLING HEIGHTS MI 48313 SANDUSKY , LORENZA 13267 HUNTERS LARK ST SAN ANTONIO TX 78230-2017

SAVAGE , MICHAEL 3714 BRIGHTON LN PEARLAND TX 77584-7627

SCHOU , BILLIE M 20307 RIO VILLA DR HOUSTON TX 77049-3227

SCHUTTE , WENDY PO BOX 1364 PORT ARANSAS TX 78373-1364

SCOTT , DEANNA DEANNA SCOTT REALTOR 401 OLD MILL DR DRIPPING SPRINGS TX 78620-4695

SEARIGHT , SARAH PO BOX 2043 AUSTIN TX 78703

SEATON SR , ROBERT 1004 WILMA LOIS AVE PASADENA TX 77502-3826

SEILER , BOBBIE K 5227 OVERRIDGE DR ARLINGTON TX 76017

SHAW , KIMBERLY UNIT A 328 SEA ISLE DR PORT ARANSAS TX 78373

SHELDON , MARGARET 695 KARA DR PORT ARANSAS TX 78373 SHEPARD , MARY 1501 WILDERNESS TRL EAGLE RIVER WI 54521

SHIELDS III , MR MILTON ALLEN 29054 ARROYO ST HARLINGEN TX 78552-2121

SIBLE , AMANDA G 219 E KLEBERG AVE KINGSVILLE TX 78363

SIMEK , MS BRENDA 2030 OVERLAND TRL CORPUS CHRISTI TX 78410-1856

SINGLETON , BUELL 3219 S PEACH HOLLOW CIR PEARLAND TX 77584-2038

SLAGLE , JUANITA 1107 SEA SECRET ST PORT ARANSAS TX 78373

SMITH , CARTER TEXAS PARKS AND WILDLIFE DEPARTMENT 4200 SMITH SCHOOL RD AUSTIN TX 78744-3218

SMITH , KIMBERLY JEAN TEXSTAR 1226 SEA SECRET ST PORT ARANSAS TX 78373-5737

SMITH , RUSSELL R 1221 MILLARD DR NACOGDOCHES TX 75965-2643

SODAMANN , DR. PAUL E 6390 ROCKENHAM RD SAINT GEORGE KS 66535-9757 SHEPPERD , JOHN 5618 STEVEN CREEK WAY AUSTIN TX 78721-3030

SHIFFLETT , SKIP 2224 RIDGECREST TRL CARROLLTON TX 75007-1622

SILVERS , DONNA 1915 SHADOW BEND DR HOUSTON TX 77043-2413

SIMPSON , SUSAN UNIT 4 413 TROJAN ST PORT ARANSAS TX 78373-5431

SIRAGUSA , CHARLES R 3660 BLUEBONNET BLVD BRENHAM TX 77833-9029

SLOBOJAN , WILLIAM PO BOX 403 JUNCTION TX 76849-0403

SMITH , JEFFERY H 14313 DORSAL ST CORPUS CHRISTI TX 78418-6013

SMITH , LOU ANN PO BOX 1581 PORT ARANSAS TX 78373

SMITH , MS SANDRA NELSON 923 COUNTY ROAD 235 WHARTON TX 77488-4661

SOHL , WALTER 423 E AVENUE C PORT ARANSAS TX 78373 SHERWOOD , DR. J MATTHEW 8607 ROSEHEDGE TERRACE WAY RICHMOND TX 77406-3771

SHOCKLEY , JEFF 2025 CASTLE GATE CIR SAN MARCOS TX 78666-2219

SIMANEK , MICHELLE PO BOX 304 PORT ARANSAS TX 78373

SINCLAIR , LINDA 7295 GIN RD MARION TX 78124-6505

SLAGLE , JIMMY 1107 SEA SECRET ST PORT ARANSAS TX 78373

SMITH , BARNEY L PO BOX 1581 PORT ARANSAS TX 78373

SMITH , KAREN S 4301 SPRING CREEK DR CORPUS CHRISTI TX 78410

SMITH , DR. RICHARD 10122 METRONOME DR HOUSTON TX 77080-6312

SMITH , SYLVIA 1007 BRIARCLIFF DR ARLINGTON TX 76012-5318

SOLCHER , GERRY 111 W CASTLE LN SAN ANTONIO TX 78213-1804 SOLIMINE , MRS SHANNON A USPS 525 LIGHTHOUSE CHANNEL PORT ARANSAS TX 78373-4215

SORTO , MR JUAN 4720 LAKE RIM DR ALVIN TX 77511-5149

STALLINGS , BILL 7615 SHADY VILLA WALK HOUSTON TX 77055-5098

STEDMAN , CULVER 930 BRIAR RIDGE DR HOUSTON TX 77057-1118

STEPHENSON , LEE ANN PO BOX 7 RIVERSIDE WY 82325

STOCKTON , RICK 738 S BAY ST ARANSAS PASS TX 78336

STRESSMAN , NEIL 2223 SADDLE BACK CT FORT LUPTON CO 80621

STROKER , MR JOHN STEWART 99 SUMMER CREST CIR THE WOODLANDS TX 77381-2966

STUNZ , DR. GREG 3752 PELICAN PT PORT ARANSAS TX 78373-4900

SUTCH , ROBIN 8000 SCOTLAND YARD AUSTIN TX 78759-4311 SOMMERS , DANA 1016 ANTLER DR SCHERTZ TX 78154-1104

ST CLAIR , MICHAEL 518 E 5TH ST N NEWTON IA 50208

STANDARD , GARY MITCHELL 1603 OAK ISLAND DR LAKE JACKSON TX 77566-3633

STEGENGA , CORINNE 1017 S 10TH ST PORT ARANSAS TX 78373

STEVENS , LISA PO BOX 1694 PORT ARANSAS TX 78373-1694

STORRIE , MAGEN NICOLE THIRD COAST MARKETING PO BOX 2456 PORT ARANSAS TX 78373-2456

STRIEBER , WILLIAM C 6113 CHARIS CT AUSTIN TX 78735

STROMAN , MARTHA V PO BOX 642 PORT ARANSAS TX 78373

SUDDERTH , SHEILA PO BOX 1407 PORT ARANSAS TX 78373-1407

SUTER , HAL 1002 CHAMBERLAIN ST CORPUS CHRISTI TX 78404-2607 SORENSEN , MR TODD 5802 OAKDALE MDWS KLEIN TX 77379-5558

ST CLAIR , SUSAN 518 E 5TH ST N NEWTON IA 50208

STANUSH , BELINDA MOSTY 501 BAHIA MAR PORT ARANSAS TX 78373-4926

STEPHENS , MYRA 1016 REDWOOD AVE ROCKPORT TX 78382-5931

STEVES , SAM STEVES AND SONS STE 502 7373 BROADWAY ST SAN ANTONIO TX 78209-3253

STRAIN , CLIFF PO BOX 1379 PORT ARANSAS TX 78373

STRIEBER , WILLIAM C 420 PRIVATE ROAD A PORT ARANSAS TX 78373

STROWD , DON 1901 ENCINO BLUFF ST SAN ANTONIO TX 78259-2339

SUMMERLIN , ERROL ALVIE 1017 DIOMEDE ST PORTLAND TX 78374-1914

SUTTLE , RICHARD STE 1300 100 CONGRESS AVE AUSTIN TX 78701-4072 SWEATMAN , DEBORAH UNIT B9 900 N STATION ST PORT ARANSAS TX 78373-5099

TAMAYO , ELVIA 2025 S 11TH ST PORT ARANSAS TX 78373-6005

TEAGUE , KENNETH G UNIT 236 2918 RANCH ROAD 620 N AUSTIN TX 78734-2258

TEDESCO , RENEE 6133 GEHRING ST HOUSTON TX 77021-1176

TERRAZAS JR , GUADALUPE 1010 E BELGRAVIA DR PEARLAND TX 77584-2230

THOMAS , CATHY 3556 VICKERY LN INGLESIDE TX 78362-4815

TILLMAN-RUIZ , TERESA 302 CARACARA DR BUDA TX 78610-2410

TODD , SUSAN 808 SEA BREEZE LN PORT ARANSAS TX 78373

TOMPKINS , DENISE STE C, BOX 142 1023 STATE HIGHWAY 361 PORT ARANSAS TX 78373-5567

TREADWAY , BRYAN 5101 NINA LEE LN HOUSTON TX 77092-5240 TALBOT , DON NO 46 241 W COTTER AVE PORT ARANSAS TX 78373

TANZE , SCOTT PO BOX 420 PORT ARANSAS TX 78373

TEAGUE , MARINA 12639 POINT CYN SAN ANTONIO TX 78253

TELLER , GEORGIA PO BOX 2553 PORT ARANSAS TX 78373

TERRY , JOE 453 W 21ST ST HOUSTON TX 77008-2411

THORNBURG , VICKI L 1205 RUSHMORE DR BURNSVILLE MN 55306

TIPPS , ROBERT 532 ROCKPORT CHANNEL PORT ARANSAS TX 78373-4216

TOEPPERWEIN , TRACI UNIT 111 2212 STATE HIGHWAY 361 PORT ARANSAS TX 78373-5086

TOSATTO , BETH APT 108 230 CUT OFF RD PORT ARANSAS TX 78373-4228

TREME , TABETHA 4951 COUNTY ROAD 30 ROBSTOWN TX 78380 TALBOT , MARILYN A NO 46 241 W COTTER AVE PORT ARANSAS TX 78373

TAYLOR , MONICA PO BOX 2029 FULTON TX 78358

TEAGUE , TROY 12639 POINT CYN SAN ANTONIO TX 78253

TENENBOWN , MR MICHAEL D PO BOX 420490 HOUSTON TX 77242-0490

THAYER , TED 534 COUNTRY LN BUDA TX 78610-9314

TIBBETTS , MICHAEL J PO BOX 1200 PORT ARANSAS TX 78373

TISE , MR CAREY 225 HERITAGE TRL N BELLVILLE TX 77418-9311

TOMPKINS , DENISE 142 W BRUNDRETT AVE PORT ARANSAS TX 78373-5146

TRAYLOR , MS KRISTINE 115 OAK LN BURNET TX 78611-2839

TRIPPET , NANCY 2025 S 11TH ST PORT ARANSAS TX 78373-6005 TRUITT , ROY L 1233 SPYGLASS DR AUSTIN TX 78746-6905

TUNNER , JAN 427 SEA ISLE DR PORT ARANSAS TX 78373-6004

TURNBOW , DIANA B PO BOX 580 BEEVILLE TX 78104

UNDERWOOD , GRASON 1777 OAK FOREST DR NEW BRAUNFELS TX 78132-3855

VANDYKE , WILLIAM 3906 SILVERSPRING DR AUSTIN TX 78759-7421

VASQUEZ , CATHERINE 919 BURTON AVE SAN ANTONIO TX 78221-2155

VIERA , MITCHELL 1420 WEBBERVILLE RD AUSTIN TX 78721-1406

VONDRA , GLENN APT 2 2026 S 11TH ST PORT ARANSAS TX 78373-6029

WALLING , MICHAEL P 355 DUNES WAY PORT ARANSAS TX 78373-5564

WALPOLE , REFUGIA 186 COUNTY ROAD 306 GEORGE WEST TX 78022 TRUMPY , DEBRA 315 LAUREL ST PORT ARANSAS TX 78373

TURK , CATHY 225 W ROBERTS AVE PORT ARANSAS TX 78373

UHLIK , MRS BETTY S PO BOX 2775 PORT ARANSAS TX 78373-2775

UPTON , JOHN 3019 LAWSON CT PEARLAND TX 77584-8720

VANECEK , JARED PO BOX 181310 CORPUS CHRISTI TX 78418

VAUGHAN, STEVEN LAWRENCE 13322 WILDWOOD DR TOMBALL TX 77375-2925

VOIGHT , MR JERRY 11112 MAELIN DR AUSTIN TX 78739-2052

VONDRA , GLENN 2026 S 11TH ST PORT ARANSAS TX 78373-6029

WALLS , ROB 132 PARK HILL DR SAN ANTONIO TX 78212-2573

WALSH , SUSAN 5708 TAHOMA PL AUSTIN TX 78759-5595 TUAN , YUNY 9907 TEZEL RD SAN ANTONIO TX 78254

TURK , MERWIN 225 W ROBERTS AVE PORT ARANSAS TX 78373

UHLIK , DANIEL PO BOX 2775 PORT ARANSAS TX 78373-2775

VANDEVENTER , DAN 2529 HOLLY ST LIBERTY TX 77575-4307

VASQUEZ , BERTHA 140 PIN OAK DR ANGLETON TX 77515-9469

VERA , LESLIE FAITH 16923 N CIR OMAHA NE 68135-1447

VONDRA , DIANA APT 2 2026 S 11TH ST PORT ARANSAS TX 78373-6029

WALL , VINAYA 3731 COUNTY ROAD 105 S ALAMOSA CO 81101

WALPOLE , KENNY 186 COUNTY ROAD 306 GEORGE WEST TX 78022

WARNER JR , FRANK 105 E JONES ST BEEVILLE TX 78102 WARNER , FRANK 105 E JONES ST BEEVILLE TX 78102

WASSERMANN , SUSAN 1031 SEA SECRET ST PORT ARANSAS TX 78373-5733

WELBORN , BRUCE L 2017 BREAKER LN FLOWER MOUND TX 75022-5482

WHEATLEY , LEE A 2314 GREER DR CORPUS CHRISTI TX 78418

WHITE , JAMES I 22651 NW HOLSEY ACRES RD INDIAHOMA OK 73552

WHITWORTH , CHERYL PO BOX 4025 BEEVILLE TX 78104

WILLIAMS , BARRY 15831 EAGLE CLIFF ST SAN ANTONIO TX 78232-3424

WILLIAMS , THOMAS D 9606 KEMPWOOD DR HOUSTON TX 77080-3904

WILSON , MS LAUREN 1324 WHISPERING SANDS ST PORT ARANSAS TX 78373-5725

WILSON , MR WILLIAM ANDREW 1037 OAKLANDS DR ROUND ROCK TX 78681-2701 WARNER , MARTHA W 105 E JONES ST BEEVILLE TX 78102

WEBER , MARY J 4305 CANNONBALL TRL DODGEVILLE WI 53533

WELDER , ALLISON PO BOX 122 BEEVILLE TX 78104

WHITE , ALAN BERRY 311 SORRENTO ST PORT ARANSAS TX 78373-5501

WHITE , MARLA J 22651 NW HOLSEY ACRES RD INDIAHOMA OK 73552

WILDE , LEE ANNE 1623 FAIROAKS ST EL LAGO TX 77586-5922

WILLIAMS , GARY L 5186 STAR TREK DR BEEVILLE TX 78102

WILSON , ASHLEY 12 TALL OAKS TRL AUSTIN TX 78737-9306

WILSON , ROBERT S 21007 DEAUVILLE DR SPRING TX 77388-4142

WISHAM , LINDA B 19 LINTON RUN RD PORT DEPOSIT MD 21904-1611 WASHKO , WILLIAM E PO BOX 814 PORT ARANSAS TX 78373

WEBER , MARY J PO BOX 1065 PORT ARANSAS TX 78373-1065

WESTBURY , AUTUMN 104 AMORY DR BENBROOK TX 76126-3215

WHITE , CAROLYN 311 SORRENTO ST PORT ARANSAS TX 78373-5501

WHITEKILLER , TRISTAN 642 WARSAW ST BAYOU VISTA TX 77563-2606

WILDFANG , PHIL 713 WATERWOOD ST ROCKPORT TX 78382-6956

WILLIAMS , LESLIE 5301 E ZEPHYR DR ALVIN TX 77511-7170

WILSON , EVELYN JO 5912 MOUNTAIN VILLA DR AUSTIN TX 78731-3753

WILSON , MRS SHARON P 27257 BUCCANEER DR BONITA SPRINGS FL 34135-4314

WOFFORD , JADE APT 125 1802 ENNIS JOSLIN RD CORPUS CHRISTI TX 78412-4338 WOFFORD , WILLIAM H PO BOX 7889 THE WOODLANDS TX 77387-7889

WOODS JR , ROBERT 2103 S MATHIS ST ROCKPORT TX 78382-7426

YACKEE , JUDY H 821 OCEAN SIDE PORT ARANSAS TX 78373-5770

ZADRA , ANNA E PO BOX 1714 PORT ARANSAS TX 78373-1714

ZAHN , CHARLES W PO BOX 941 PORT ARANSAS TX 78373-0941

ZAMORA , MELISSA 3917 BRAWNER PKWY CORPUS CHRISTI TX 78411-3254

ZUFALL , JOHN 420 SEA ISLE DR PORT ARANSAS TX 78373 WOMACK , JANE 12916 BISMARK DR AUSTIN TX 78748-1009

WORNAT, MRS TRACY 309 W FREDERICK ST RIESEL TX 76682-3434

YOUNG , HERMAN LEE 914 POMPANO AVE PORT ISABEL TX 78578-2502

ZADRA , JEFFERY D PO BOX 375 BIWABIK MN 55708-0375

ZAJICEK , MR ROBERT L. 1120 REDFISH ST BAYOU VISTA TX 77563-2713

ZENTE , ALEX HENSEL PHELPS 820 TABERNASH DR LEANDER TX 78641-1497 WONG , MR GLENN 6723 SOTORIA LN SUGAR LAND TX 77479-3650

WYSOCKI , MARK 512 LANTANA DR PORT ARANSAS TX 78373-5307

ZADRA , ANNA E PO BOX 375 BIWABIK MN 55708-0375

ZADRA , JEFFERY D PO BOX 1714 PORT ARANSAS TX 78373-1714

ZAMORA , MARY 8117 BARROGATE RD CORPUS CHRISTI TX 78409

ZUFALL , CINDY 420 SEA ISLE DR PORT ARANSAS TX 78373

EXECUTIVE DIRECTOR'S RESPONSE TO COMMENTS For Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

The Executive Director has made the complete Response to Comments (RTC) (including the mailing list) for the application by the Port of Corpus Christi Authority of Nueces County for Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0005253000 available for viewing on the Internet. You may view and print the document by visiting the following link:

https://www.tceq.texas.gov/permitting/wastewater

This document will be available online until the Commission has made a final decision on the application. Individuals who would prefer a mailed copy of the RTC should contact Kathy Humphreys, Staff Attorney, by phone at (512) 239-3417 or by email at Kathy.Humphreys@tceq.texas.gov to request a mailed copy of the RTC.

Additional Information

For more information on the public participation process, you may contact the Office of the Public Interest Counsel at (512) 239-6363 or call the Public Education Program, toll free, at (800) 687-4040.

You may also view a copy of the complete Executive Director's Response to Comments (including the mailing list), the complete application, the draft permit, and related documents, including comments, at the TCEQ Central Office in Austin, Texas. Additionally, a copy of the complete application, draft permit, and executive director's preliminary decision are available for viewing and copying at: Ed & Hazel Richmond Public Library, located at 110 N Lamont Street Aransas Pass, Texas 78336; City Hall of Port Aransas, located at 710 W Avenue A Port Aransas, Texas 78373; La Retama Central Library, located at 805 Comanche Street Corpus Christi, Texas 78401; and Sinton Public Library, located at 100 N Pirate Blvd Sinton, Texas 78387. **Executive Director's Response to Comments**

Port of Corpus Christi Authority of Nueces County

TPDES Permit No. WQ0005253000

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TPDES Permit No. WO0005253000

APPLICATION BY	§	BEFORE THE
PORT OF CORPUS CHRISTI	§	TEXAS COMMISS
AUTHORITY OF NUECES	§	ON ENVIRONMEN
COUNTY FOR TPDES	§	QUALITY
Permit No. WQ0005253000		

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EXECUTIVE DIRECTOR'S RESPONSE TO PUBLIC COMMENT

The Executive Director of the Texas Commission on Environmental Quality (the Commission or TCEQ) files this Response to Public Comment (Response) on the application by Port of Corpus Christie Authority of Nueces County (POCC) for a new Texas Pollutant Discharge Elimination System (TPDES) permit No. WQ0005253000, and the Executive Director's preliminary decision on the application. As required by Title 30 of the Texas Administrative Code (30 TAC) Section (§) 55.156, before a permit is issued, the Executive Director prepares a response to all timely, significant or relevant and material comments. The Office of the Chief Clerk received timely comments from Senator Lois Kolkhorst, Port Aransas Mayor Charles Bujan, and the persons in Attachments 1 and 2. The individuals that provided formal oral comment at the Public Meeting are noted in Attachment 3. This response addresses all timely public comments received, whether or not withdrawn.

This application is subject to the requirements in Senate Bill (SB) 709, effective September 1, 2015. SB 709 amended the requirements for comments and contested case hearings. One of the changes required by SB 709 is that the Commission may not find that a "hearing requestor is an affected person unless the hearing requestor timely submitted comments on the permit application." Texas Water Code (TWC) § 5.115(a-1)(2)(B). To determine which commenter made a particular comment, please see Attachments 1 through 26. Additionally, because of the length of the RTC and the number of acronyms used, the Executive Director added a list of the acronyms used in the RTC in section I.D.

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WO0005253000

If you would like a hard copy of this RTC, please contact Kathy Humphreys, Staff Attorney at (512) 239-3417. If you need more information about this permit application or the wastewater permitting process, please call the TCEQ Public Education Program at 1-800-687-4040. General information about the TCEQ can be found at the following website:

I. BACKGROUND

A. Description of Facility

The Port of Corpus Christi submitted an application to the Texas Commission on Environmental Quality (TCEQ) for a new permit, TCEQ Permit No. WQ0005253000 to authorize the discharge of water treatment wastes at a daily average flow not to exceed 95.6 million gallons per day (MGD). The POCC proposes to operate Harbor Island Property- Former FINA Tank Farm, a seawater desalination facility.

According to the application seawater will be drawn into the plant from a channel adjacent to Harbor Island through coarse screens that will keep large material from entering the pretreatment processes. The screens will reject captured solids as industrial solid waste into a dumpster and will be sent off-site for disposal. Sodium hypochlorite (NaOCl) will be added as needed to clear marine growth from the screens. The water will enter a rapid mixing unit where flocculant is added. It will then flow into the main clarifier tank, where suspended solids will settle. The settled solids will be removed periodically as underflow to the Sludge Thickener (ST). The clarifier effluent will flow to the Settled Water Clearwell (SWC), where NaOCl may be added as needed for the oxidation of manganese and partial disinfection. From the SWC, the water will pass into the strainer, where solids and debris will be removed as necessary to protect the Ultrafiltration (UF) membranes. The strainers will be backwashed to the ST. NaOCl may be added as needed to the strainers. Particles exceeding a diameter greater than 0.001 µm will then be removed by passing the water under high pressure through the UF membranes. This process will be semi-continuous, with some UF units in forward flow and others in backwash or cleaning mode. Backwash flows will be sent to the UF Reject Tank and then stored for processing in the ST. UF permeate will be sent to a Clearwell, where NaOCl will be added, if needed.

From the Clearwell, water will be pumped through cartridge filters, the last unit to protect the desalination reverse osmosis (RO) skids. The RO units will remove particles larger than 0.1 nm. Pumps taking water from the Clearwell will apply high pressure to force the seawater through the RO membranes, leaving the total dissolved solids (TDS) behind. The process will be semi-continuous, with some units in forward mode and others in reject or cleaning mode. RO permeate will be passed through a calcite filter to add alkalinity and reduce corrosivity of the product water. The water will then be chlorinated and placed into one of two permeate storage tanks for distribution as potable water. The RO reject will be discharged to a brine tank and then pumped to Outfall 001.

Solids and sludge from the clarifiers, strainers, and UF reject tank will be passed into a mix tank where coagulant may be added as needed to increase the diameter of the solids and then routed into the ST. A flocculant may be added to the center of the well of the thickener to enhance solids separation. The supernate overflow will pass over the thickener weirs to the outfall stormwater tank. Underflow from the thickener will be pumped into a belt filter press (BFP) for dewatering. Solids generated during the water treatment process will be taken off-site via truck for disposal. BFP filtrate will be routed to an outfall storage tank where it will commingle with thickener supernate prior to discharge via Outfall 001.

This permit does not authorize the discharge of domestic wastewater. All domestic wastewater must be disposed of in an approved manner, such as routing to an approved on-site septic tank and drainfield system or to an authorized third party for treatment and disposal. The facility will be located adjacent to State Highway 361 just northeast of the Ferry Landing, Nueces County, Texas 78336.

If the draft permit is issued, the treated effluent will be discharged via pipe directly into Corpus Christi Bay in Segment No. 2481 of the Bays and Estuaries. The designated uses for Segment No. 2481 are primary contact recreation, exceptional aquatic life use, and oyster waters. The effluent limits in the draft permit will maintain and protect the existing instream uses. All determinations are preliminary and subject to additional review and revisions.

Endangered Species Review

A priority watershed of critical concern has been identified in Segment No. 2481 in Nueces County. The piping plover, *Charadrius melodus* Ord, a threatened aquaticdependent species, has been determined to occur in the watershed of Segment No. 2481, however, the facility is not a petroleum facility and its discharge is not expected to have an effect on the piping plover. To make this determination for TPDES permits, TCEQ and the U.S. Environmental Protection Agency (EPA) only considered aquatic or aquatic-dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the United States Fish and Wildlife Service's biological opinion on the State of Texas assumption of the TPDES program (September 14, 1998; October 21, 1988 update). The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The draft permit does not require EPA review with respect to the presence of endangered or threatened species.

B. Procedural Background

The permit application was received on March 7, 2018 and declared administratively complete on June 26, 2018. The Notice of Receipt and Intent to Obtain a Water Quality Permit (NORI) was published on July 25, 2018 in the *Aransas Pass Progress/Ingleside Index* and the *Corpus Christi Caller-Times*. The NORI was also published on July 26, 2018 in the *Port Aransas South Jetty*. The Notice of Application and Preliminary Decision (NAPD) was published on November 21, 2018 in the *Aransas Pass Progress* and the *Ingleside Index*. The NAPD was also published on November 22, 2018 in the *Port Aransas South Jetty* and the *Corpus Christi Caller Times*.

A public meeting was scheduled for February 28, 2019, however the date and location were changed, the notice was amended and a public meeting was held on April 8, 2019. Publication of the Amended Notice of Public Meeting was published on March 7, 2019 in the *Port Aransas South Jetty;* on March 8, 2019 in the *Corpus Christi Caller Times;* and on March 13, 2019 in the *Aransas Pass Progress.* A public meeting was held on April 8, 2019 at the Port Aransas Civic Center in Port Aransas, Texas.

The public comment period ended at the close of the meeting on April 8, 2019. This application was filed on or after September 1, 2015; therefore, this application is subject to the procedural requirements adopted pursuant to House Bill (HB) 801, 76th Legislature (1999), and Senate Bill (SB) 709, 84th Legislature (2015), both implemented by the Commission in its rules in 30 TAC Chapters 39, 50, and 55. The Texas Legislature enacted Senate Bill 709, effective September 1, 2015, amending the requirements for comments and contested case hearings This application is subject to those changes in the law.

C. Access to Rules, Laws, and Records

Please consult the following websites to access the rules and regulations applicable to this permit:

to access the Secretary of State website: <u>www.sos.state.tx.us/</u>;

for TCEQ rules in 30 TAC: <u>www.sos.state.tx.us/tac/</u>(select "TAC Viewer" on the right, then "Title 30 Environmental Quality");

for Texas statutes: www.statutes.legis.state.tx.us/;

TCEQ website: <u>https://www.tceq.texas.gov/rules/indxpdf.html</u> (for downloadable rules in Microsoft Word or Adobe PDF formats, select "Rules," then "Current Rules and Regulations," then "Download TCEQ Rules");

for Federal rules in Title 40 of the Code of Federal Regulations: <u>http://www.epa.gov/lawsregs/search/40cfr.html</u>; and

for Federal environmental laws: <u>http://www.epa.gov/lawsregs/</u>.

Commission records for this facility are available for viewing and copying and are located at TCEQ's main office in Austin, 12100 Park 35 Circle, Building F, 1st Floor (Office of Chief Clerk). The permit application, Executive Director's preliminary decision, and draft permit are available for viewing and copying at the following locations: Ed & Hazel Richmond Public Library, located at 110 N Lamont Street Aransas Pass, Texas 78336; City Hall of Port Aransas, located at 710 W Avenue A Port Aransas, Texas 78373; La Retama Central Library, located at 805 Comanche Street Corpus Christi, Texas 78401; and Sinton Public Library, located at 100 N Pirate Blvd Sinton, Texas 78387.

D. Acronyms

ASCE- American Society of Civil Engineers **BAT-** Best Available Treatment Technology **BFP-** Belt Filter Press **BO**- Biological Opinion **BPJ**- Best Professional Judgment **CCA-** Coastal Conservation Association **CFR**- Code of Federal Regulations **CFU-** Colony Forming Unit **CID-** Commissioners Integrated Database **CMP**- Coastal Management Program **CORMIX-** Cornell Mixing Zone Model **CWA**- Clean Water Act **ED**- Executive Director **EPA-** Environmental Protection Agency **ESA-** Endangered Species Act **FEMA-** Federal Emergency Management Agency **GPD**- Gallons per Day HB- House Bill **IHW-** Industrial and Hazardous Waste **IPs-** Procedures to Implement the Texas Surface Water Quality Standards **kg/m**³- Kilogram per Cubic Meter **MGD-** Million Gallons per Day mg/L- Milligrams per Liter m/s- Meter per Second MMPA- Marine Mammal Protection Act **MZ**- Mixing Zone NaOCl- Sodium Hypochlorite

NAPD- Notice of Application and **Preliminary Decision NEP-** National Estuary Program **NMFS**- National Marine Fisheries Services NORI- Notice of Receipt of Application and Intent to Obtain a Water Quality Permit **NPDES-** National Pollutant Discharge **Elimination System ONRW-** Outstanding National Resource Waters **PAC-** Port Aransas Conservancy pH-Potential Hydrogen **POCC**- Port of Corpus Christi POCCA- Port of Corpus Christi Authority ppt- Parts per Thousand psu- Practical Salinity Units **RO-** Reverse Osmosis **RTC**- Response to Comments **SB**- Senate Bill **SOPs-** Standard Operating Procedures **SPIF**- Supplemental Permit Information Form **SU-** Standard Units SWC- Settled Water Clearwell **SWQM-** Surface Water Quality Monitoring TAC- Texas Administrative Code **TDS**- Total Dissolved Solids **TCEO-** Texas Commission on **Environmental Quality**

United States Code
- United States Fish and Wildlife
United States Geological Survey
Very Large Crude Carriers
Vhole Effluent Toxicity
Water Quality Assessment
- Wastewater Treatment Facility
one of Initial Dilution

II. COMMENTS AND RESPONSES

A. GENERAL OBJECTIONS TO THE DRAFT PERMIT

COMMENT 1:

CCA and the persons in Attachment 4 expressed general objection to the draft permit.

RESPONSE 1:

The Executive Director acknowledges these comments.

COMMENT 2:

The persons in Attachment 5 expressed support for Coastal Conservation Association comments.

RESPONSE 2:

The Executive Director acknowledges the comment.

B. GENERAL SUPPORT FOR THE DRAFT PERMIT

COMMENT 3:

Ron McAlpin expressed his support for the desalination facility.

RESPONSE 3:

The Executive Director acknowledges the comment.

C. APPLICATION

COMMENT 4:

PAC stated that the TCEQ should require the POCC to present additional information about the specific locations, elevations, and design of the intake structures, since those factors will affect the composition of source water. PAC also stated that the application is not complete because it does not include information required in TCEQ rules, including a map "which shows the facility and each of its intake and discharge structures and any other structure or location regarding the regulated facility and associated activities." Marie Pratt expressed concern that the application does not address the location of the intake structures, and she understands that the POCC has not made a final determination on the location of the intake structures. Similarly, Michele Lorette suggested the intake be moved offshore. Mayor Bujan and Portland Citizens United stated that a study done by Texas A&M Corpus Christi in 2015 found that the intake and discharge for a desalination facility should be located at least two miles offshore.

RESPONSE 4:

The composition of the source water was not used in the development of the draft TPDES permit. The applicant is required to provide information concerning the anticipated characteristics of the discharge itself, which are used in the development of the draft permit. Based on information provided in the application, POCC proposes to install a diffuser to enhance mixing at the point of discharge. The specific densities of the effluent and the receiving water are used in the CORMIX Version 11 GTD mixing analysis to evaluate the proposed flow of 95.6 MGD. Results of the analysis (i.e., dilutions), as well as other recommendations, are included in the Water Quality Assessment Team's memorandum dated August 22, 2018 and are incorporated into the calculation of water quality-based effluent limitations, presented in Appendix A of the Statement of Basis. These calculated limitations are used to ensure the discharge will not be toxic to man from ingestion of water, consumption of aquatic organisms, or

contact with the skin, or to terrestrial or aquatic life. Regardless of the composition of the source water, the permittee must meet the numeric and narrative requirements established in its permit.

If the intake structure is within TCEQ's jurisdiction the TCEQ's Water Availability Division reviews and regulates the location, elevation, or design of new water intakes and diversion points through a separate authorization process. Requirements for the location, elevation, or design of a water intake structure, if applicable, would be contained in an authorization obtained from the Water Availability Division.

A TCEQ rule (30 TAC § 305.45(a)(6)), requires the applicant to provide a map (topographic map, ownership map, county highway map, or a map prepared by a Texas licensed professional engineer, Texas licensed professional geoscientist, or a registered surveyor) which shows the facility, each of its intake and discharge structures, and any other structure or location regarding the regulated facility and associated activities. The request for this information required by the rules was inadvertently omitted from the Industrial Wastewater Permit Application (version dated 05/31/2017) that the POCC used. Even though this information was omitted from the application, the Executive Director was able to complete the technical review.

In response to this comment, an updated map (See Attachment 24) which shows the general location of the intake structure was submitted by the POCC on June 24, 2019.

COMMENT 5:

PAC stated that the TCEQ should require POCC to present additional information regarding the details of the desalination process: for example, whether the facility would be designed for a 40% recovery Reverse Osmosis (RO) process or a 50% recovery RO process; the composition of the 22% (assuming 40% RO recovery) of the effluent containing "coagulants" and "flocculants" and bleach (sodium hypochlorite), and the plan for managing effluent when facility operations (40% recovery RO process) are producing fewer than 35 MGD of product water.

RESPONSE 5:

The additional information suggested by PAC is not required. The Executive Director does not require applicants for new industrial wastewater discharge permits to provide the final design of a wastewater treatment facility in the industrial wastewater permit application. The application requests information regarding the proposed wastewater generating processes (Technical Report Item 1.b) and the proposed wastewater treatment process (Technical Report Item 2.a).

The POCC provided a description of the wastewater generating and treatment processes in its application. According to the application, the facility will use a flocculant and coagulant during the pretreatment process to promote solids separation and removal. The facility has yet to be constructed and, as is the case with most unconstructed facilities, the specific chemicals to be used have not been finalized. If the draft permit is issued, it will be based on the information supplied, and the representations made by the POCC during the Executive Director's review of the application.

Permit Conditions 1(c), located on page 7 of the draft permit, requires POCC to furnish the Executive Director any information to determine whether cause exists for amending, revoking, suspending, or terminating the permit. Based on a review of any additional information or notification submitted by POCC, the permit may be reopened to include additional limitations or monitoring requirements, if needed. Regardless of the chemicals used in the treatment process, POCC must meet the numeric and narrative requirements established in its permit.

COMMENT 6:

PAC stated that the TCEQ should require POCC to present additional information regarding the range of conditions that will affect how the discharge will move and disperse with the tides, during slack tides, with differing temperatures and stratification of the water column, and the existing conditions at the discharge locations. Scott Holt expressed concern that the CORMIX model is not adequate for this situation because the flow is not slow and laminar and suggested the Executive Director use a three-dimensional model instead. Similarly, Aaron Corman asked what the impact of the discharge will be at slack tide. Additionally, Margo Branscomb stated that implying that the brine is discharged into an open channel where tides and currents will disperse it is also incorrect.

RESPONSE 6:

Water body currents are an important component of any CORMIX model analysis. The basic CORMIX methodology relies on an assumption of steady-state ambient conditions because the time scale for mixing processes is typically on the order of minutes up to approximately one hour. Therefore, for the review of the POCC application, the CORMIX model was run using an assumed small steady ambient velocity of 0.05 meter per second (m/s), consistent with the TCEQ CORMIX guidance document. The TCEQ guidance document does not address unsteady ambient flow conditions (i.e., tidal reversing) since tidal reversing is a phenomenon that typically occurs twice per day following each slack tide and represents conditions that only occur for a few minutes each day. The duration of exposure corresponding to acute toxicity is typically 96 hours or less at the initial regulatory mixing zone. Therefore, predictions of effluent concentrations are more representative under steady state ambient conditions rather than at unsteady ambient conditions which occur infrequently and for a short duration.

Based on public comments, the Executive Director acknowledges that an ambient velocity greater than or less than the assumed velocity may affect the predictions of the CORMIX modeling. Therefore, the Executive Director added the following monitoring provision to the draft permit:

During the term of the permit, the permittee shall complete a study of ambient water velocity and submit a report to the TCEQ Water Quality Assessment Section (MC-150) summarizing measured ambient water velocity at the location of Outfall 001. The report must include results of measurements of speed and direction of the tidal current collected at the depth of the proposed/installed diffuser barrel. The measurements shall capture velocities encompassing a complete tidal cycle and be collected during a period in which maximum tidal amplitude typically occurs.

This provision requires POCC to collect tidal current velocity measurements at the location of the diffuser barrel and provide the data to the Executive Director with its subsequent permit application. These measurements will be incorporated into the diffuser CORMIX analysis during future reviews. Additionally, in accordance with the TCEQ CORMIX guidance document, the CORMIX model was assessed using site-specific temperature and salinity data from the ambient water body. Mixing is evaluated under both summer and winter conditions and with various combinations of effluent and ambient densities to capture the most critical scenario(s). Further, TCEQ acknowledges that density stratification in the water column can have a significant influence on mixing characteristics, and the TCEQ CORMIX guidance document recommends thresholds for which density stratification may be significant. Density profile data was evaluated in the CORMIX diffuser review; however, based on the density differences in the water column, the water body was not considered stratified.

Additionally, the CORMIX model provides effluent predictions in threedimensions (i.e., x, y, and z directions). Given the configuration of the diffuser and the linear nature of the diffuser barrel, the plume first intersects the edge of each regulatory mixing zone in the x-direction. Effluent concentrations are evaluated at the edge of the regulatory mixing zones.

For the diffuser CORMIX analysis, the average depth of the water body was modeled at 63 feet, which was provided by the application. POCC also provided a bathymetric survey of the discharge location and surrounding area at current conditions, which supports the 63-foot depth. Based on correspondence from the applicant, there is a natural eddy due to the confluence of the Ship Channel, the Aransas Channel, and the Lydia Ann Channel, which creates an area at the proposed discharge location that is naturally deeper than surrounding areas.

COMMENT 7:

PAC stated that the TCEQ should require the POCC to present additional information about the foreseeable changes in the contours and ship traffic load of the channel in which the discharge structure is proposed. PAC also stated that it understands the POCC is planning on dredging the ship channel to allow access to Harbor Island by very large crude carriers. If the ship channel is deepened, the POCC would need to amend its application and the Executive Director would have to consider the new information and potentially prepare a revised proposed permit. Cathy Fulton PAC, CCA, expressed concern that the CORMIX model does not account for the potential deepening of the ship channel or the turning basin.

RESPONSE 7:

The proposed discharge has been evaluated under currently applicable channel conditions, based on information provided by POCC. Future evaluations of the discharge will use channel conditions applicable at the time when that permit action is under review. If channel dimensions are different at that time, POCC will be required to provide this updated information, which will be incorporated into updated evaluations of the discharge.

For the CORMIX diffuser review, the analysis is based on current conditions and existing water body depths, as provided in the permit application. If the ship channel is dredged and deepened at the outfall location, the revised depth information would be reviewed in future analyses.

COMMENT 8:

PAC stated that the Executive Director should consider the impact of nuisance odors on nearby property owners.

RESPONSE 8:

The discharge of water treatment wastes from a seawater desalination facility has low levels of oxygen-demanding constituents and, thus, does not generally create nuisance odors.

Individuals are encouraged to report any concerns about nuisance issues or suspected noncompliance with the terms of any permit or other environmental regulation by contacting the Corpus Christi Regional Office at (361) 825-3100, or by calling the 24- hour toll-free Environmental Complaints Hotline at 1-888-777-3186. The TCEQ investigates all complaints received. If the facility is found to be out of compliance with the terms and conditions of its permit, it may be subject to investigation and possible enforcement action.

COMMENT 9:

PAC stated that the Executive Director should require POCC to demonstrate that it plans on constructing the facility, otherwise it is a speculative application. According to PAC, if POCC cannot demonstrate it plans on constructing the facility, the Executive Director should return the application. Similarly, Sierra Club, James King, Charles Plunkett, Cameron Pratt, Shannon Solimine, and William Wilson, stated that the application is for a "speculation permit" because the end user or operator have not been identified.

RESPONSE 9:

The POCC provided sufficient information regarding ownership and need for the Executive Director to develop a draft permit. According to the application, the Port of Corpus Christi Authority of Nueces County is the owner of the facility. (Industrial Wastewater Application, Administrative Report pg. 3 Item 2.a.) Additionally, according to the application, the POCC is developing a project to develop a sustainable supply of potable water for the Corpus Christi area that is not dependent on rainwater. (Industrial Wastewater Application, Technical Report, 1.0). TCEQ's rules provide that commission approval is necessary for a permit to be transferred to another entity. 30 TAC § 305.64.

COMMENT 10:

PAC stated that TCEQ should require the type of additional information it has required for aquaculture facilities along the Texas coast, for cooling water intake structures, and for types of facilities that pose analogous risks to marine communities.

RESPONSE 10:

The proposed discharge of water treatment wastes from a seawater desalination facility does not present the same risks to marine communities as the discharge from a concentrated aquatic animal production facility or other activities related to the propagation or rearing of aquatic species. The main concerns associated with an aquaculture facility discharge include impacts from oxygen-demanding constituents, nutrient loading, and disinfection. Similar concerns are not anticipated from the discharge of water treatment wastes.

Application materials specified under Section 316(b) of the CWA are required to be submitted by an industrial facility which uses or proposes to use water for cooling purposes. POCC proposes to use RO for seawater desalination activities. RO is a mechanical water treatment process that does not typically generate a thermal wasteload. Furthermore, POCC does not propose to use cooling water within facility processes. Therefore, the requirements of Section 316(b) of the CWA are not applicable to the proposed facility activities.

COMMENT 11:

PAC stated that the application is not complete because it states that there are no seagrasses or oyster beds in the vicinity. Similarly, Cathy Fulton, Tammy King, and Cathy Thomas stated that there are nearby seagrasses and oyster beds.

RESPONSE 11:

According to POCC's application, there are no seagrasses or oyster beds in the vicinity of the proposed outfall. (Industrial Wastewater Application, Technical Report, pg. 45). To verify the location of the nearest seagrasses, staff used the Texas Parks and Wildlife Department seagrass viewer and determined that the nearest seagrass area is 0.75 mile from the outfall. To verify the location of the nearest oyster beds, staff used the Texas Department of Health and Human Services shellfish harvest area viewer and determined the nearest oyster beds are 3.1 miles from the outfall.

The Standards reviewer determined that seagrass and oyster beds are not located in the Corpus Christi Channel (channel) within the mixing zone of the proposed discharge location; therefore, no significant degradation is expected for either of them.

COMMENT 12:

PAC stated that the application is not complete because POCC did not check the boxes for the characteristics of the water body. Additionally, Margo Branscomb stated that the application is inaccurate because "Worksheet 4.0 Receiving Waters is incorrect. https:/upload.wikimedia.org/Wikipedia/commons/c/c4/Benthic Map of Redfish Bay%2C Texas.jpg. According to Ms. Branscomb, a review of the map will identify seagrasses, oyster beds, and more in the adjacent area.

RESPONSE 12:

The Executive Director determined that the POCC application is complete. According to the application, the discharge will be via a multi-port diffuser approximately 300 feet offshore on the south side of Harbor Island in the Corpus Christi Channel. The Corpus Christi Channel is part of Segment No. 2481, Corpus Christi Bay. As required, POCC completed Worksheet 4.0, Item 3 (Classified Segment) indicating that the discharge will be directly into (or within 300 feet) of a classified segment. Because the discharge will be into a classified segment, POCC was not required to complete Worksheet 4.0, Item 4 (Description of Immediate Receiving Waters), or Worksheet 4.0, Item 5 (General Characteristics of Water Body) or Worksheet 4.1 (Stream Physical Characteristics).

COMMENT 13:

PAC noted that at one point in the application POCC stated that the temperature of the receiving water could be 14-32 degrees Fahrenheit and elsewhere POCC stated the temperature of the receiving water could be 13 to 34 degrees Celsius.

RESPONSE 13:

The Executive Director is aware of the discrepancy, however because the Executive Director uses information from the application in conjunction with data from TCEQ monitoring stations, the discrepancy is not a concern.

In POCC's diffuser analysis report, the temperature range for the source water and effluent is provided in degrees Celsius (°C) and ranges from 14°C to 32°C. The temperature range for the receiving water body is based on data collected by a TCEQ monitoring station and ranges from 8.4°C to 31.4°C. TCEQ notes that ambient water temperature can vary throughout the water column with depth and with seasonal variability. Therefore, in the diffuser CORMIX analysis, mixing is evaluated under both summer and winter conditions and with various combinations of effluent, ambient temperature, and salinity to capture the most critical scenario(s).

COMMENT 14:

PAC stated that the application is incomplete because the salinity data are not from the area where POCC stated the intake structures will be located.

RESPONSE 14:

Regarding the location of the intake structure, according to the POCC application seawater will be drawn into the plant from a channel adjacent to Harbor Island. However, on June 24, 2019 the POCC provided documentation that the proposed intake structure will be relocated offshore in the Gulf of Mexico instead of in the Corpus Christi Ship Channel (See Attachment 24). The POCC also noted that the salinity is nearly the same at the former and revised intake locations. Therefore, the salinity of the effluent is based on the values provided in the application.

COMMENT 15:

PAC stated that the application is incomplete because the applicant provided incorrect coordinates for the location of the facility.

RESPONSE 15:

TCEQ acknowledges that the coordinates provided in the application indicate a location outside of the Corpus Christi Bay. However, based on the maps provided in the application, the Executive Director's understanding is that the proposed discharge will be located at approximately latitude 27.844122 N and longitude 97.063634 W.

COMMENT 16:

PAC stated that the Executive Director should require POCC to identify and provide background levels in the receiving waters for all constituents that could change water quality or adversely affect the benthic and other marine communities near the bottom of the ship channel. Similarly, CCA stated that POCC should perform site-specific studies at the proposed intake and disposal location to identify any environmental impacts and risks to the ecosystem.

RESPONSE 16:

The Executive Director does not require applicants to provide background levels in the receiving waters for all constituents that could change water quality or adversely affect the benthic and other marine communities near the bottom of the discharge point, because compliance with the draft permit would ensure that the existing water quality and designated uses were maintained. Additionally, applicants for new TPDES permits rarely have actual effluent data because the facility has not been built or started operating.

To ensure the permit is protective of the receiving waters, the TCEQ established numerical criteria for the protection of aquatic life and for the protection of human health.¹ Numerical criteria are established for toxic substances where adequate toxicity information is available and the substance has the potential for exerting adverse impacts on water in the state. These criteria are based on ambient water quality criteria documents published by the EPA.

The criteria established in Tables 1 and 2 are incorporated into the calculations of water quality-based effluent limitations, as are recommendations in the Water Quality Assessment Team's memorandum dated August 13, 2018 and are incorporated in Appendix A of the Statement of Basis. The draft permit includes Other Requirement No. 8, which requires the POCC to conduct four effluent sampling events that are at least one week apart within 60 days of its first discharge. The POCC must submit the analytical data to the TCEQ within 90 days of its first discharge. After the analytical data is submitted, the averages of the four samples will be compared to the screening levels established in Appendix A of the Statement of Basis. If necessary, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements for any discharged pollutant that could in any way contribute to contamination of the receiving water.

¹ 30 TAC § 307.6(c)(1), Table 1; 30 TAC § 307.6(d)(1), Table 2

COMMENT 17:

Margo Branscomb stated that the application is inaccurate because the owner of the effluent disposal site was reported as N/A. According to Ms. Branscomb, because the effluent will be disposed of into the waters of the United States, all US citizens are owners of the disposal site.

RESPONSE 17:

Administrative Report 1.0, Item 8.f requests the name and contact information for the owner of the land where the treatment facility is or will be located. This information is required to be provided by all applicants, regardless of the method of disposal sought in the application. The POCC identified the Port of Corpus Christi Authority as the owner of the land where the treatment facility will be located.

Additionally, administrative Report 1.0, Item 8.g of the application requests the name and contact information for the owner of the effluent disposal site and is only required to be completed if the application requests authorization to dispose of effluent by land application (e.g., irrigation, subsurface drip irrigation, or evaporation). This information is not required for TPDES applications because the effluent will be discharged directly into waters of the state. POCC applied for a TPDES permit, therefore POCC was not required to complete Administrative Report 1.0, Item 8.g.

COMMENT 18:

Margo Branscomb stated that the application is inaccurate because the owner of the sewage sludge disposal site was reported as N/A.

RESPONSE 18:

Administrative Report 1.0, Item 8.h requests the name and contact information of the owner of the sewage sludge disposal site. This item is required to be completed if the application requests authorization to dispose of sewage sludge on-site. According to the application, any domestic wastewater generated on-site will be routed off-site to a wastewater treatment plant permitted to receive domestic sewage for treatment, disposal, or both.

COMMENT 19:

Margo Branscomb stated that because the stormwater runoff will not be contained, it will be disposed of into the waters of the United States, and therefore, all US citizens are owners of the disposal site.

RESPONSE 19:

Stormwater is defined at 40 CFR § 122.26(b)(13) as stormwater runoff, snow melt runoff, and surface runoff and drainage. The discharge of stormwater does not require authorization under the TPDES program, except for the exceptions listed at 40 CFR §§ 122.26(a)(1) and (9).

In its application, the POCC requested authorization to discharge water treatment wastes at a daily average flow not to exceed 95.6 MGD. If the POCC seeks to obtain authorization for discharges of stormwater associated with industrial activities and/or construction activities, the POCC could amend the permit, if issued, to include the additional waste stream(s). In accordance with 30 TAC § 305.62, the addition of any waste streams not specifically authorized in the permit, if issued, would represent a substantial change to a limiting term of the permit and would require a major amendment of the permit. If the POCC requests authorization to discharge additional wastestreams under a major amendment permit action, the proposed activities also would be evaluated for impact to the receiving water body. Alternatively, the POCC could also seek authorization under the TCEQ'S Multi Sector General Permit, TPDES No. TXR05000, for the discharge of stormwater associated with industrial activities or the TCEQ'S General Permit for Stormwater Discharges Associated with Construction Activities, TPDES Permit No. TXR150000.

COMMENT 20:

Margo Branscomb stated that the application is inaccurate because in Section 9b a map was not provided. According to Ms. Branscomb, the map was not provided because POCC will allow everything to runoff into the waters of the United States, in addition to the authorized discharge of brine. Margo Branscomb also stated that the application is inaccurate because in Section 9b the location is incorrect.

RESPONSE 20:

Administrative Report 1.0, Item 9.b requests submittal of an original, full-size, 7.5-minute USGS Topographic Quadrangle Map. The map must contain the following information, clearly outlined and labeled:

- one mile in all directions from the facility
- the applicant's property boundary
- the treatment plant boundaries
- the point(s) of discharge
- the discharge route(s) highlighted for a distance of three stream-miles or until the effluent reaches a classified segment
- the boundaries of the effluent disposal site such as the irrigation tract or subsurface drainfield (if applicable)
- all ponds including storage/evaporation/holding ponds (if applicable)
- the sewage sludge disposal site if it is in the existing permit or if the applicant is seeking authorization through a new/amended permit application (if applicable)
- all new and future commercial developments, housing developments, industrial sites, parks, schools, and recreational areas
- all springs, public water supply wells, monitor wells, surface water supply intakes, water treatment plants, potable water storage facilities, and sewage treatment facilities within one-mile of the facility
- around the point of discharge and one-mile downstream of the discharge route(s), all parks, playgrounds, and schoolyards must be highlighted and the names provided on the map

POCC provided a 7.5-minute USGS Topographic map that clearly shows POCC's property boundary, treatment facility boundaries, point of discharge/outfall, pipe route, future construction, and a one-mile radius in all directions from the facility. POCC has requested authority to discharge effluent from the facility via pipe directly to a classified segment (Segment No. 2481) and identified (i.e., highlighted) the proposed discharge route on the map from the point of discharge up to the classified segment. POCC is not required to identify the route for three stream-miles downstream

from the point of discharge. However, the POCC identified the pipe route to clarify how the effluent will travel from the facility to the point of discharge within the classified segment. The discharge location and route are verified during the technical review completed by the Water Quality Standards Implementation Team Reviewer.

All the required information is clearly shown and labeled. The POCC is not requesting authorization to dispose of effluent via land application (e.g., irrigation or evaporation), to dispose of sewage sludge on-site, or to utilize ponds for disposal purposes, therefore the information is not applicable to POCC and POCC was not required to provide the information on the USGS Topographic map.

The Executive Director prepared the draft permit based on the information and the representations provided by POCC in its application. Staff relied on the accuracy and completeness of the information and representation in the application and did not do an independent review of Item 9.b. POCC is required to promptly notify the Executive Director if POCC becomes aware that it failed to submit any relevant facts in its permit application or submitted incorrect information in its permit application.

COMMENT 21:

Margo Branscomb stated that the application is inaccurate because the information in Section 9.i is incorrect. According to Ms. Branscomb, San Patricio County is about 100 yards from the discharge location. Cathy Fulton stated that Aransas County is within 200 feet of the outfall.

RESPONSE 21:

The Executive Director prepared the draft permit based on the information and the representations provided by POCC in its application. Staff relied on the accuracy and completeness of the information and representation in the application and did not do an independent review of Item 9.i. POCC is required to promptly notify the Executive Director if POCC becomes aware that it failed to submit any relevant facts in its permit application or submitted incorrect information in its permit application.

COMMENT 22:

Margo Branscomb stated that the application is inaccurate because Section 9k is incorrect. According to Ms. Branscomb, the city nearest the disposal site is Port Aransas.

RESPONSE 22:

Administrative Report 1.0, Item 9.k requests the name of the city nearest to where the disposal site is or will be located and is required to be completed if the application requests authorization to dispose of effluent by land application (e.g., irrigation or subsurface drip irrigation, evaporation), which is considered a nodischarge method of disposal. This information is not required to be provided if the application requests authorization to discharge effluent directly into waters of the state.

The POCC is proposing to discharge effluent directly into waters of the state. Therefore, this item is not applicable to the POCC's request and was not required to be completed.

COMMENT 23:

Margo Branscomb stated that the application is inaccurate because the TCEQ Core Data form is incorrectly filled out.

RESPONSE 23:

Administrative Report 1.0, Item 2.c requests a copy of the Core Data Form. The Core Data Form (Form No. 10400) submitted with the application on March 7, 2018 was incomplete. POCC signed and indicated the customer and regulated entity numbers on the Core Data Form, but the remaining items were not completed. A Notice of Deficiency letter was mailed to the POCC on April 6, 2018 requesting a revised form with all items completed, in addition to other administrative information. The Executive Director received a response to POCC's Notice of Deficiency on May 9, 2018, which contained a correctly completed Core Data Form.

COMMENT 24:

Margo Branscomb stated that the application is inaccurate because of the ratio of the volume of intake water to the volume of effluent.

RESPONSE 24:

The POCC requested authorization to discharge water treatment wastes at a daily average flow not to exceed 95,600,000 gpd via Outfall 001. This request was evaluated for the potential impact to the receiving water body. Regardless of the volume of water the facility intakes, or ratio of permeate to reject generated by the facility, POCC must meet the effluent limitations established in its permit

The applicant determines the disposal method, discharge route(s), and the facility site location, and submits this information to the TCEQ for technical review of the proposed discharge for protection of water quality and the environment.

COMMENT 25:

Margo Branscomb stated that the application is inaccurate because it does not include cooling towers. According to Ms. Branscomb, if POCC does not plan to cool the discharge, it must be intending to discharge directly back into the channel. Ms. Branscomb asked how POCC will insure it doesn't put overheated brine into a sensitive estuarine environment. Margo Branscomb expressed concern that the proposed discharge will change the temperature of the surrounding waters. Similarly, Terry Machac asked what the temperature of the effluent will be and how much effluent will exceed the ambient temperature. The persons in Attachment 25 expressed concern over the increased water temperature.

RESPONSE 25:

According to the application, the facility will not have cooling towers. The POCC provided a description of the wastewater generating and treatment process in its application (Technical Report Item 2.a). According to the application, the POCC will use reverse osmosis (RO) for seawater desalination activities. RO is a mechanical form of desalination that does not typically generate a thermal wasteload. Therefore, this discharge is not anticipated to have a thermal impact on the receiving water body

because the 'end-of-pipe' effluent temperatures are not expected to be significantly higher than applicable instream temperature criteria.

The POCC provided estimated data for temperature in its application, which indicated that the temperature of the effluent was anticipated to range from 57.2°F (14°C) to 89.6°F (32°C), which is below the segment criterion of 95°F (Appendix A of the TSWQS). However, no actual analytical data was provided in the application because the facility has not yet been constructed or begun to discharge, and consequently, screening against numeric thermal criteria could not be accomplished. Therefore, the draft permit includes Other Requirement No. 8, which requires the POCC to conduct four effluent sampling events that are at least a week apart within 60 days of its first discharge and to submit analytical data to the TCEQ within 90 days of its first discharge. Other Requirement No. 8 includes sampling requirements for temperature. The analytical data will undergo screening and technical review so that, if necessary, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements (including long-term studies) for any discharged pollutant that could in any way contribute to contamination of the receiving water, which can include thermal monitoring or limits.

COMMENT 26:

Margo Branscomb stated that the application is inaccurate because POCC should have completed section 7b describing exactly where the sewage treatment plant is located.

RESPONSE 26:

The wastewater proposed for discharge under this authorization will be generated at a seawater desalination facility, which is not a sewage treatment plant. POCC did not request, nor does the draft permit authorize, the discharge of domestic wastewater. Other Requirement No. 5, located on page 14 of the draft permit, requires all domestic wastewater generated on-site to be disposed of in an approved manner, such as routing to an approved on-site septic tank and drainfield system or to an authorized third party for treatment and disposal.

COMMENT 27:

Cathy Fulton and Tammy King stated the latitude and longitude provided in the application place the desalination plant in the Gulf of Mexico near Padre Island National Seashore. Similarly, John Morris noted the map in the application indicates the location of the discharge will be approximately 300' south of Harbor Island, the provided coordinates of 27.5039, -97.0349 indicate a location offshore, and well south of the proposed location <u>https://binged.it/2Ay5wFs</u>

RESPONSE 27:

TCEQ acknowledges that the coordinates provided in the application indicate a location outside of the Corpus Christi Bay. However, based on the maps provided in the application, the Executive Director understands that the proposed discharge will be located at approximately latitude 27.844122 N and longitude 97.063634 W. The application requests the latitude and longitude of each outfall location. (Technical Report Item 4). The latitude and longitude must be provided to the nearest 15 seconds per requirements at 40 CFR § 122.21(k)(1). The POCC provided the latitude and longitude of the proposed outfall location to the nearest 15 seconds. The coordinates provided in the application are used in addition to the maps provided in the application and any narrative description of the discharge location and route. The Executive Director compares and weighs all the information and aerial imagery is used to plot the most representative discharge point.

COMMENT 28:

PAC stated that the application is not complete because it references an old FEMA map for its floodplain. According to PAC, the FEMA maps are outdated because of Hurricane Harvey. Similarly, Cathy Fulton stated the proposed facility would be located in the 100-year floodplain.

RESPONSE 28:

Technical Report Item 1.f requests whether the proposed facility will be located above the elevation of the 100-year frequency flood event (i.e., 100-year floodplain) and the source of information used to make the determination. The POCC indicated the facility is located above the 500-year floodplain in the application based on Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map 4854980001F, effective September 30, 1992.

Based on information from the FEMA Flood Map Service Center, this was the FEMA map in effect at the time the technical review of the application was completed.

COMMENT 29:

Cathy Fulton commented that Aransas Channel and Lydia Ann Channel are within a few hundred feet of the outfall and tidal flows could carry the discharge into the canals. Similarly, John Morris noted the description of the effluent discharge route states that flow would only be outbound through the Aransas Pass (Ship Channel) or through the Corpus Christi Channel into Corpus Christi Bay. According to Mr. Morris, other water bodies, including Lydia Ann and Aransas Channels are both adjacent to the Redfish Bay Scientific Area.

RESPONSE 29:

The Aransas and Lydia Ann channels converge approximately 500 meters from the proposed discharge location. The TCEQ Critical Conditions reviewer assessed the edge of the chronic aquatic life mixing zone (MZ) at a distance of 200 feet in which the percent effluent is 1.34 percent (%). Therefore, at the edge of the chronic aquatic life mixing zone, the effluent is projected to be well-mixed with the ambient seawater and should not adversely affect the water quality in either Aransas or Lydia Ann channels.

Additionally, the discharge route description is included in the permit. The discharge route is described only to the point where the discharge enters a classified segment. The Corpus Christi Channel is considered part of classified Segment No. 2481, Corpus Christi Bay. The discharge itself was evaluated to ensure that water quality criteria applicable to Segment No. 2481's exceptional aquatic life use designation, primary contact recreation use, and oyster waters use would be maintained.

COMMENT 30:

Ellen Gray and Mary Ann Heimann stated that the application is deficient because the facility operator was not identified. Charles Plunkett stated that because there is not a co-applicant, the POCC's application should be denied, and if the POCC wants to reapply, they should be required to start over. Similarly, Julie Plunkett asked who would be fiscally responsible.

RESPONSE 30:

A co-applicant is required for a TPDES permit only if the owner does not have overall responsibility for the operation of the facility (for example if an operator can and does repair the facility or upgrade the facility without prior approval from the owner, then the operator must submit the application for a permit as a co-applicant along with the facility owner). The facility operator is not required to apply as coapplicant if they do not have overall responsibility of the facility operations. A coapplicant is also required if the applicant does not own the land where the treatment facility will be located, and there isn't a lease or deed-recorded easement giving the applicant sufficient rights to the land for the operation of the treatment facility. In such a case, the landowner must apply for the permit as a co-applicant.

In its application, POCC did not indicate that another entity will have overall responsibility for the operation of the facility. Additionally, based on information provided by POCC, the landowner is the Port of Corpus Christi Authority. (Administrative Report 1.0, Item 8.f.)

If the status of the operator changes and an operator is later identified that will have overall responsibility for the operation of the facility, the POCC will be required to add the operator to the permit as a co-permittee. A co-applicant can be added to an issued permit during the term of the permit by submitting a completed Transfer a Wastewater Permit Application Form (TCEQ Form No. 20031) and Core Data Form to the Water Quality Division's Applications Review and Processing Team.

Finally, it is the applicant's responsibility to determine if the operator should apply. A draft permit is written and granted based on the information supplied and the representations made by the permittee in its application and the Executive Director relies on the accuracy and completeness of that information and those representations. Permit Condition 1, located on page 7 of the draft permit, requires a permittee to promptly notify the Executive Director if it becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in an application or in any report, and to promptly submit such facts or information. Negligently or knowingly making a false statement, representation, or verification on any report, record, or other document submitted or required to be maintained is subject to administrative, civil, and criminal penalties, as provided by state law.

COMMENT 31:

Cameron Pratt asked how many comments the TCEQ received on the POCC application.

RESPONSE 31:

The Executive Director has received comments from over 1,000 persons.

COMMENT 32:

Cameron Pratt asked what percentage of applications the TCEQ denies and what is the criteria for denial.

RESPONSE 32:

The TCEQ has many permitting programs with different permitting requirements, therefore the Executive Director cannot provide a specific percentage of applications that have been denied. The Executive Director denies very few applications for new TPDES permits, because applicants for new TPDES permits work closely with staff to ensure a permit, if issued, complies with all applicable statutory and regulatory requirements. If an applicant applies for a permit that will not comply with applicable statutory and regulatory requirements, the applicant will typically withdraw its application. The Executive Director does not track the number of new TPDES applications that are withdrawn.

COMMENT 33:

Cameron Pratt asked how many applications the TCEQ has issued or denied for desalination facilities.

RESPONSE 33:

The TCEQ has not approved or denied any permit applications for a seawater desalination facility. The TCEQ has two pending applications for seawater desalination facilities, WQ0005253000 and WQ0005254000, both of which were submitted by POCC. WQ0005253000 is the subject of this RTC. WQ0005254000 is currently in administrative review. The TCEQ has approved 42 new permit applications for facilities which propose to utilize reverse osmosis for water treatment and has not denied any permit applications for this activity.

COMMENT 34:

John Morris noted that historic salinity monitoring data is taken from Buoy 16492, which is part of the Redfish Bay State Scientific Area. Mr. Morris asserted that this does not provide accurate data and does not capture the impact of the 24/7/365 release of hypersaline effluent.

RESPONSE 34:

Buoy 16492 is a TCEQ Surface Water Quality Monitoring (SWQM) station that monitors physical, chemical, and biological characteristics of the ambient water body. In addition to other constituents, the monitoring station records measurements of temperature and salinity at various depths in the water column and throughout the year, capturing seasonal variation over time. The TCEQ uses the data from these monitoring stations to accurately characterize the receiving water body in the diffuser CORMIX analysis to simulate the discharge conditions. As the monitoring station continues to collect more data, it will be incorporated during future reviews of this permit/diffuser.

The TCEQ acknowledges that the depth of the Corpus Christi Bay varies with location. However, the POCC conducted a bathymetric survey of the discharge location and of the surrounding area and submitted it with their application. The data provided in the survey confirm the depth of the water body at the discharge location is 63 feet. The width of the channel at the discharge location is approximately 385 meters. The Executive Director assessed the edge of the chronic aquatic life mixing zone at a distance of 200 feet, in which the percent effluent is 1.34 %. Therefore, at the edge of the chronic aquatic life mixing zone, the effluent is projected to be well-mixed with the ambient seawater in the channel. Given the width of the channel and the enhanced mixing provided by the diffuser, the Executive Director determined that no significant salinity impacts are expected to the Redfish Bay State Scientific Area as this location is beyond the mixing zone.

COMMENT 35:

John Morris noted the application does not address planned future development of a tank farm and VLCC loading facility that is the subject of a Port-funded feasibility study. Mr. Morris notes that the block was not checked under Supplemental Permit Information #10 "Additional phases of development that are planned for the future."

RESPONSE 35:

ARP. The Supplemental Permit Information Form (SPIF) Item 10 requests confirmation of whether any of the following activities apply to the proposed project:

- Proposed access roads, utility lines, construction easements
- Visual effects that could damage or detract from a historic property's integrity
- Vibration effects during construction or as a result of project design
- Additional phases of development that are planned for the future
- Sealing caves, fractures, sinkholes, other karst features
- Disturbance of vegetation or wetlands

Based on information provided in the SPIF, the project may involve proposed access roads, utility lines, or construction easements; vibration effects during construction or as a result of project design; and/or disturbance of vegetation or wetlands.

A draft permit is written and granted based on the information supplied and the representations made by the permittee in their application and relying on the accuracy and completeness of that information and those representations. Permit Condition 1, located on page 7 of the draft permit, requires a permittee to promptly notify the Executive Director if it becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in an application or in any report, and requires that it shall promptly submit such facts or information. Negligently or knowingly making a false statement, representation, or verification on any report, record, or other document submitted or required to be maintained is subject to administrative, civil, and criminal penalties, as provided by state law.

D. GENERAL

COMMENT 36:

The persons in Attachment 6 expressed general water quality concerns, concerns over the change to the water chemistry, and concerns that the discharge could increase the salinity.

RESPONSE 36:

In accordance with 30 TAC § 307.4(d), the Executive Director evaluated the POCCs application to ensure "surface waters will not be toxic to man from ingestion of water, consumption of aquatic organisms, or contact with the skin, or to terrestrial or aquatic life."

The Executive Director's technical review of a TPDES permit application begins with the Water Quality Assessment (WQA) Section. The WQA review includes an analysis of the existing uses of the receiving waters under the TSWQS at 30 TAC § 307.51, which aids in establishing the appropriate discharge limitations, which in turn plays a vital part in determining the quality of the waster discharged into the receiving water. In accordance with 30 TAC § 307.5 and the TCEQ implementation procedures (June 2010) for the TSWQS, the WQA Section performs an antidegradation review of the receiving waters, determines the critical conditions for the receiving waters, and develops limitations, if needed, to ensure the dissolved oxygen criteria will be met.

According to its application, the POCC proposes to discharge effluent directly to Corpus Christi Bay in Segment No. 2481 of the Bays and Estuaries. The designated uses and dissolved oxygen criterion as stated at 30 TAC § 307.10 for Segment 2481 are primary contact recreation, exceptional aquatic life use, oyster waters, and 5.0 mg/L dissolved oxygen. Due to the low levels of oxygen-demanding constituents expected from this type of discharge, no significant dissolved oxygen depletion is anticipated in the receiving waters. A Tier 1 antidegradation review preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Corpus Christi Bay, which has been identified as having exceptional aquatic life use. Existing uses will be maintained and protected.

Calculations of water quality-based effluent limitations for the protection of aquatic life and human health are presented in Appendix A of the Statement of Basis. Aquatic life criteria established in Table 1 and human health criteria established in Table 2 of 30 TAC Chapter 307 are incorporated into the calculations, as are recommendations in the WQA memorandum dated August 13, 2018. TCEQ practice for determining significant potential is to compare the reported analytical data from the facility against percentages of the calculated daily average water quality-based effluent limitation. Permit limitations are required when analytical data reported in the application exceeds 85 percent of the calculated daily average water quality-based effluent limitation. Monitoring and reporting is required when analytical data reported in the application exceeds 70 percent of the calculated daily average water qualitybased effluent limitation.

The draft permit includes pH limits of 6.0 – 9.0 SU at Outfall 001. A pH screening was performed to ensure that the proposed pH limits would not cause a violation of the pH criteria in Corpus Christi Bay of 6.5 – 9.0 SU and is presented in Appendix B of the Statement of Basis).

Segment No. 2481 does not have criteria established for total dissolved solids (TDS), chloride, or sulfate in Appendix A of TSWQS; therefore, no screening was performed for these constituents in the effluent. However, monitoring and reporting requirements for TDS, chloride, and sulfate have been included in the draft permit at Outfall 001 based on the presence of water treatment wastes in the proposed discharge.

No analytical data was provided in the application because the facility has not yet been constructed or begun discharge and screening against water quality-based effluent limitations could not be accomplished. Therefore, the draft permit includes Other Requirement No. 8, which requires the POCC to conduct four sampling events, that are at least one week apart, within 60 days of initial discharge and submit analytical data to the TCEQ within 90 days. After the analytical data is submitted, the averages of the four samples will be compared to the screening levels established in Appendix A of the Statement of Basis. If necessary, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements (including long-term studies) for any discharged pollutant that could in any way contribute to contamination of the receiving water or degradation of water-quality.

COMMENT 37:

Lynne Hodgon commented that if the draft permit is issued, it would be a violation of the Clean Water Act.

RESPONSE 37:

The TCEQ implements the National Pollutant Discharge Elimination System (NPDES) program via the TPDES program. The NPDES program is authorized under section 402 of the Clean Water Act; however, the Clean Water Act includes many provisions that are not part of the NPDES program.

The Texas Water Code, Section 26.121, authorizes discharges into waters of the state, provided the discharger obtains a permit from the Commission. TCEQ evaluates applications for wastewater discharges, based on the information provided in the application. TCEQ's jurisdiction is limited to issues set out in Chapter 26 of the Texas Water Code during the wastewater permitting process. The permitting process is limited to controlling the discharge of pollutants into water in the state and protecting the water quality of the state's rivers, lakes, and coastal waters. The draft permit was developed to protect aquatic life and human health in accordance with the TSWQS and was established to be protective of human health and the environment, provided that the Applicant operates and maintains the facility in accordance with TCEQ rules and the requirements of the draft permit. If an unauthorized discharge occurs, POCC will

be required to report it to TCEQ within 24 hours. The POCC is subject to potential enforcement action for failure to comply with TCEQ rules or the permit.

COMMENT 38:

PAC stated that the Executive Director did not perform the consistency evaluation as required by the Texas Coastal Management Program.

Response 38:

POCC submitted an application to obtain a new permit to authorize the discharge of water treatment wastes directly to the Corpus Christi Bay, Segment No. 2481.

The water treatment wastestreams are not subject EPA categorical effluent standards (40 CFR Parts 400-471). Additionally, Segment No. 2481 is not considered a priority segment, as identified in 30 TAC § 281.48, Appendix B of the Coastal Management Program (CMP).

The Executive Director reviewed this action for consistency with the goals and policies of the Texas CMP in accordance with the regulations of the General Land Office and determined that the action is consistent with the applicable CMP goals and policies to limit the discharge of effluent subject to EPA categorical effluent standards into a priority segment.

COMMENT 39:

Kenneth Teague stated that the draft permit may not be consistent with the Coastal Bend Bays Plan required by Section 320 of the Clean Water Act.

RESPONSE 39:

The Executive Director does not evaluate wastewater applications for consistency with the Coastal Bend & Bays Estuaries Program. Section 320 of the Clean Water Act requires the Executive Director to give priority consideration to applications which request authorization to discharge effluent into a waterbody enrolled in the National Estuary Program (NEP). Specifically, CWA § 320(a)(2)(B) requires the Executive Director to give priority consideration to Galveston Bay, Texas. In addition, CWA § 320(a)(2)(A) requires the Executive Director to give priority consideration to an estuary the Governor of a State has nominated for a management conference to develop a comprehensive management plan and a comprehensive management plan was subsequently developed. Corpus Christi Bay has an approved comprehensive management plan administered through the Coastal Bend Bays & Estuaries Program. The Coastal Bend & Bays Estuaries Program is enrolled in the NEP and the Executive Director is required to give priority consideration to Corpus Christi Bay.

Priority consideration is given to an estuary enrolled in the NEP when determining if a draft permit should be reviewed by EPA. Based on the Executive Director's evaluation, which included giving priority consideration to this application because the proposed discharge is to Corpus Christi Bay, the draft permit does not meet the minimum threshold for evaluation by the EPA.

COMMENT 40:

PAC stated that the Executive Director did not properly evaluate the impact of the discharge on recreational use of the ship channel. Similarly, the persons in Attachment 23 expressed concern over the negative impact of the discharge on recreation.

RESPONSE 40:

The discharge from the facility would be to Corpus Christi Bay in Segment No. 2481 of the Bays and Estuaries. The designated uses and dissolved oxygen criterion as stated in Appendix A of the Texas Water Quality Standards (30 TAC § 307.10) for Segment 2481 are primary contact recreation, exceptional aquatic life use, oyster waters, and 5.0 mg/L dissolved oxygen. TCEQ's rules define "primary contact recreation" as activities that are presumed to involve a significant risk of ingestion of water (e.g., wading by children, swimming, water skiing, diving, tubing, surfing, hand fishing as defined by Texas Parks and Wildlife Code, § 66.115, and the following whitewater activities: kayaking, canoeing, and rafting." 30 TAC § 307.3(50)). Negative impacts to primary contact recreation from wastewater treatment facilities are due to bacteria in the discharge from wastewater treatment facilities that treat domestic sewage. POCC applied for a permit to discharge water treatment waste; water

treatment waste does not include domestic sewage, therefore, there will not be a source of bacteria in the discharge. Additionally, fishing will be protected as an aquatic life use.

COMMENT 41:

CCA noted that the Harte Research Institute for Gulf of Mexico Studies July 10, 2015 report to the City of Corpus Christi indicated there are other locations identified in the Corpus Christi Bay area that are more suitable for seawater desalination plants with far fewer impacts to the ecosystem. CCA also stated that the effluent should be piped offshore to minimize the impacts to the ecosystems. Syrus Borders stated that the emitters should be offshore on the northwest slope. Similarly, Ernest Brown stated that the brine should either be stored on-site or piped 1,500 feet offshore. Israel Ledesma, Jr. suggested the effluent be put in Bayport. Additionally, the persons in Attachment 17 stated that the hyper-saline water should be discharged offshore or in a different location.

RESPONSE 41:

The Texas Water Code § 26.121, authorizes discharges into waters of the state, provided the discharger obtains a permit from the Commission. The Executive Director does not have the authority to mandate a different discharge location. The Executive Director evaluates applications for wastewater discharges based on the information provided in the application. As discussed elsewhere in this RTC, the Executive Director evaluated the POCC application according to all applicable statutory and regulatory requirements and determined that, if properly operated, the POCC discharge will not negatively impact human health or the environment.

COMMENT 42:

Syrus Borders commented that any wastewater should be mixed with desalination discharge.

RESPONSE 42:

The Executive Director does not have the authority to mandate a facility choose a specific treatment process or disposal method. The Executive Director evaluates applications for wastewater discharges based on the requests made and information provided in the application. The POCC has requested authorization to discharge water treatment wastes at a daily average flow not to exceed 95.6 MGD via Outfall 001 and this request was evaluated for impact to the receiving water body. As discussed elsewhere in this RTC, the Executive Director evaluated the POCC application according to all applicable statutory and regulatory requirements and determined that, if properly operated, the POCC discharge will not negatively impact human health or the environment.

COMMENT 43:

Ernest Brown, IV, asked if an environmental impact study had been performed.

RESPONSE 43:

An environmental impact statement and compliance with the National Environmental Policy Act are not required as part of the TPDES wastewater permitting process. The State of Texas assumed authority under federal mandate to administer the National Pollutant Discharge Elimination System (NPDES) program under Section 402 of the Clean Water Act in 1998. The NPDES is a federal regulatory program to control discharges of pollutants to surface waters of the United States. The TCEQ is responsible for the protection of water quality with federal regulatory authority over discharges of pollutants to Texas surface water. The TCEQ has a legislative responsibility to protect water quality in the State of Texas and to authorize wastewater discharge TPDES permits under TWC Chapter 26.

COMMENT 44:

Aaron Corman asked what oversight authority the TCEQ has.

RESPONSE 44:

If the permit is issued, the facility will be subject to routine compliance investigations, as well as other types of investigations depending on the circumstances. The TCEQ, through its Office of Compliance and Enforcement, helps ensure compliance with state and federal regulations and the terms and conditions of the permit by way of routine compliance investigations and complaint investigations, and review of self-reported monitoring data. The Regional Office (the TCEQ Corpus Christi - Region 14 office) conducts on-site investigations. The Central Office, through the Monitoring Division, reviews the self-reported data for compliance with the permitted effluent limits and other permit conditions. Additionally, the public may report possible violations of the permit or regulations by contacting the Corpus Christi Regional Office at (361) 825-3100, or the statewide toll-free number at 1-888-777-3186. In addition, complaints may be filed online:

https://www.tceq.texas.gov/compliance/complaints.

COMMENT 45:

Aaron Corman asked what the penalties are for violating the permit.

RESPONSE 45:

The TCEQ has the authority to assess administrative penalties for discharge violations under a number of statutes located in Chapter 7 of the TWC. These statutes give the commission the authority to assess penalties and set forth the factors that it must consider in determining the amount of the penalty to assess. These statutory factors are incorporated into the TCEQ's penalty policy, which is available on its website at:

https://www.tceq.texas.gov/assets/public/comm_exec/pubs/rg/rg253/penaltypolicy20 14.pdf.

As described in the policy, the actual penalty assessed an entity is based on a variety of factors including the harm and severity of the violation, the impact of the violation, the duration of the violation, the size of the regulated entity, and the actions of the alleged violator. After the Executive Director evaluates the available evidence regarding the violation, then the penalty policy is utilized to ensure that the penalties are appropriately and consistently assessed.

COMMENT 46:

Aaron Corman asked if the facility will be inside the City.

RESPONSE 46:

According to the application, the nearest city to the proposed facility location is Aransas Pass. Core Data Form, Item 26.

COMMENT 47:

Aaron Corman asked if the POCC currently operates a desalination facility elsewhere.

RESPONSE 47:

Based on information available in the TCEQ's Central Registry, the POCC (CN300885248) does not currently operate a desalination facility in Texas.

COMMENT 48:

Portland Citizens United, Art Bussey, Julie Findley, Jay Hanna, Daniel Larsen, and Sally Marco expressed concern over the impact a spill would have on the environment.

RESPONSE 48:

The draft permit does not authorize spills or unauthorized discharges. In accordance with 30 TAC § 305.125(9), any noncompliance that may endanger human health or safety, or the environment shall be reported verbally or by fax to the TCEQ 's Regional Office within 24 hours of the permittee becoming aware of the noncompliance. Additionally, the permittee must provide a written submission to the TCEQ 's Regional Office and the Enforcement Division within five working days of becoming aware of the noncompliance. The written submission must contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.

COMMENT 49:

Cathy Fulton asked if there is a limit to the number of desalination plants that can be located in a given area. Similarly, Scott Holt expressed concern over the cumulative effects of additional industrial development in the area.

RESPONSE 49:

The water quality permitting process is limited to controlling the discharge of pollutants into or adjacent to water in the state and protecting the water quality of the state's rivers, lakes, and coastal waters as established under Chapter 26 of the TWC. The TCEQ does not have jurisdiction to consider the industrial development within a geographic area as part of the wastewater permitting process. However, outside of local zoning practices and restrictions, the TCEQ is unaware of any state or federal statues which stipulate or limit industrial development (including the number of desalination plants) within a geographical area. Regardless of the industrial development in an area, the permittee must meet the numeric and narrative limitations stipulated in the draft permit.

Additionally, wastewater permit applications are evaluated under the current conditions within the receiving water. The proximity of existing permitted discharges to the proposed outfall and its impact zones are considered in the review of the application. Consistent with the TSWQS (March 2014), the locations of existing outfalls and other outfall mixing zones are taken into consideration when evaluating the regulatory mixing zones assigned to a proposed discharge in order to avoid cumulative effects within the receiving water. Based on the review of this application conducted by the Water Quality Assessment Section, there are no existing outfalls or other outfall mixing zones located within the boundaries of the regulatory mixing zones assigned to the proposed discharge. Therefore, no negative cumulative effects are anticipated as a result of the proposed discharge.

COMMENT 50:

Tammy King stated that TCEQ should not grant the discharge permit before the other permits are granted. According to Ms. King, there are too many unknown factors and the permits should be considered and analyzed together rather than in parts.

RESPONSE 50:

The Executive Director reviews each application independently, based on the statutory and regulatory requirements governing the type of application. If the POCC draft permit is issued, the POCC must meet all the requirements in its permit, regardless of any other permit it has or may obtain.

COMMENT 51:

Tammy King stated that it is unacceptable for an applicant to request a permit for "simple products" and then request an amendment for industrial waste.

RESPONSE 51:

The POCC has requested authorization to discharge water treatment wastes at a daily average flow not to exceed 95,600,000 gpd via Outfall 001. This request was evaluated for impact to the receiving water body during the wastewater permitting process.

In accordance with 30 TAC § 305.62, the addition of any wastestreams not specifically authorized in the permit, if issued, would represent a substantial change to a limiting term of the permit and would require a major amendment of the permit. If the POCC requests authorization to discharge additional wastestreams under a major amendment permit action, the proposed activities also would be evaluated for impact to the receiving water body.

COMMENT 52:

TPWD stated that the Executive Director's technical review of the POCC application should address whether a site-specific analysis is recommended to determine if there is toxicity and, if so, the steps needed to minimize the impact.

RESPONSE 52:

The permitting process for an Individual TPDES wastewater permit requires a site-specific review of impacts of the proposed wastewater discharge on the receiving waters. Analysis of the effluent could not be conducted, nor could actual monitoring data be submitted with the application, because the facility has not yet been constructed or begun discharging. The POCC application, however, includes estimated data for total organic carbon, total suspended solids, nitrate nitrogen, total dissolved solids, sulfate, chloride, fluoride, temperature, pH, total barium, sulfite, total boron, total iron, and total magnesium. (Application, Technical Report Worksheet 2.0.) Based on the estimated data provided in the application and knowledge of the proposed industrial activity and treatment processes, daily monitoring requirements for total suspended solids, total dissolved solids, chloride, and sulfate, and effluent limitations for flow and pH were included in the draft permit.

Additionally, the draft permit includes Other Requirement No. 8, which requires the POCC to sample the effluent within 60 days of commencement of discharge and submit analytical data to the TCEQ within 90 days of commencement of discharge for screening and technical review so that, if necessary, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements for any discharged pollutant that could in any way contribute to contamination of the receiving water. Additionally, based on a review of the analytical data reported under the monitoring requirements contained in the draft permit, the permit may be amended during a subsequent permit action to include additional effluent limitations or monitoring requirements (e.g., long-term studies) for these constituents.

COMMENT 53:

TPWD noted that it is has been discussing the project with POCC and encourages the TCEQ to join in the discussion prior to finalizing the permit.

RESPONSE 53:

The Executive Director acknowledges the comment and is willing to assist as appropriate.

COMMENT 54:

Israel Ledesma, Jr. asked if the facility is owned by a foreign company.

RESPONSE 54:

According to the application, the applicant is a (non-foreign) government entity.

COMMENT 55:

Israel Ledesma, Jr. asked who would receive the fresh water. Similarly, Dr. Sherwood and Dr. Sodamann, stated that the desalination plant would provide 10% or less of the clean water needed for Corpus Christi.

RESPONSE 55:

According to Appendix 8, page 1 of the application, the POCC is developing this project to provide a sustainable supply of potable water for the Corpus Christi area.

COMMENT 56:

Robert Rich asked what sampling techniques and equipment are available for citizens to monitor the water quality.

RESPONSE 56:

Citizens may gather data to show that a permittee is not in compliance with TCEQ's rules. Complaints about the facility or suspected incidents of noncompliance with the permit or TCEQ rules may be reported to the TCEQ Region 14 Office at (361) 825-3100. For more information on citizen-collected evidence, please go to the TCEQ website at <u>https://www.tceq.texas.gov/compliance/complaints/protocols.</u>

Also, anyone may file a complaint online at https://www.tceq.texas.gov/assets/public/compliance/monops/complaints/complaint s.html.

COMMENT 57:

Portland Citizens United, Texas Campaign for the Environment, and Jo Krueger expressed concern over air quality.

RESPONSE 57:

This type of facility will not contribute significant amounts of air contaminants to the atmosphere, and thus, will not negatively impact human health and the environment. Air emissions from facilities such as the one proposed by the POCC do not have to obtain an air quality permit, rather they are permitted by rule (30 TAC § 106.532).

Please contact the Air Permits Division at (512) 239-1250 for questions regarding any Air New Source Permit Registrations for which the applicant has applied or will apply.

COMMENT 58:

Portland Citizens United stated that desalination puts drinking water supplies at risk.

RESPONSE 58:

According to the application there is not a surface water intake for domestic drinking water supply located within five miles downstream of the outfall. Technical Report 4.0, Item 1. Therefore, the discharge should not negatively impact drinking water.

COMMENT 59:

Martin Frannea expressed concern over environmental contamination. Similarly, Portland Citizens United and Texas Campaign for the Environment, stated that desalination is bad for the environment and human health.

RESPONSE 59:

Based on requirements at 30 TAC § 307.6(b)(4), TPDES permits must preclude adverse toxic effects on aquatic life, terrestrial life, livestock, and domestic animals resulting from contact, consumption of aquatic organisms, consumption of water, or any combination of the three. The permit is drafted to be protective of human health and the environment. The facility proposes to use membrane filtration for desalination of marine seawater. The proposed activity is not expected to generate toxins in the waste stream authorized for discharge by the draft permit. The solids collected during the pretreatment and treatment processes will be transported off-site for disposal in an approved landfill or otherwise approved manner.

Effluent limitation screening thresholds presented in Appendix A of the Statement of Basis were developed using acute and chronic aquatic life criteria as well as human health criteria for protection from the consumption of saltwater fish tissue. The effluent limitations and provisions, including narrative criteria, contained in the draft permit are designed to prevent toxicity and protect the designated uses of the receiving water body to ensure that the draft permit is protective of human health and the environment.

COMMENT 60:

Jim Isbell stated that the effluent from the desalination plant should be completely removed from the environment.

RESPONSE 60:

The Executive Director acknowledges the comment. The Texas Water Code § 26.027 authorizes the Commission to issue permits and amendments to permits for discharge of waste or pollutants into or adjacent to water in the state. However, the TCEQ does not have a statutory basis to mandate that the Applicant choose an alternate discharge route or disposal method for the wastewater generated at the facility. The TCEQ Water Quality Division has determined that the effluent limits in the draft permit are consistent with the Texas Surface Water Quality Standards and are therefore protective of surface water quality, human health, and the environment. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. A Tier 2 review has preliminary determined that no significant degradation of water quality is expected in Corpus Christi Bay. Existing uses will be maintained and protected. The draft permit was developed to protect aquatic life and human health in accordance with the Texas Surface Water Quality Standards and was established to be protective of human health and the environment, provided that the Applicant operates and maintains the facility in accordance with TCEQ rules and the requirements of the draft permit.

COMMENT 61:

Terry Machac asked where the intake water will come from.

RESPONSE 61:

According to the POCC application, the intake water will be "seawater pumped from one of the adjacent channels." POCC application, attachment 8, page 1. However, on June 24, 2019 the POCC provided documentation that the proposed intake structure will be relocated offshore in the Gulf of Mexico instead of in the Corpus Christi Ship Channel. See Attachment 24.

COMMENT 62:

Lawson Jessee stated, "Cedar Bayou can't remain open for more than a couple of years without silting in and our freshwater inflows have been significantly altered by agricultural development."

RESPONSE 62:

The proposed discharge is not anticipated to cause or contribute significantly to a silting-in of the Corpus Christi Channel or of other adjacent channels. Siltation and the effects of agricultural development on freshwater inflows are outside the scope of the Executive Director's review of the current POCC permit application. If salinities in the Corpus Christi Channel change in the future as a result of alterations in freshwater inflows to the bay system, future evaluations of this permit will take these changes into consideration and the technical reviews of the permit will determine if corresponding revisions to the permit may be warranted.

COMMENT 63:

Barry Clark asked if the discharge from the POCC facility would be the same as the discharges that EPA no longer approves where oil companies previously discharged tidewater.

RESPONSE 63:

No, the discharge from the POCC facility, if any, would not be the same as the discharges that EPA no longer approves where oil companies previously discharged tidewater. POCC's proposed facility activities are not associated with oil and gas production and the waste stream to be authorized for discharge by the draft permit does not meet the definition of "tidewater." Tidewater, or produced water, is defined at 40 CFR § 435.33(v)) as "the fluid brought up from the hydrocarbon-bearing strata during the extraction of oil and gas, and includes where present, formation water, injection water, and any chemicals added downhole or during the oil/water separation process."

COMMENT 64:

Sharm Markey asked what will be evaluated before the WWTF plant is built.

RESPONSE 64:

The TCEQ's Industrial Permits Team reviews the application and evaluates the impacts of the proposed industrial wastewater discharge on the receiving water body. Effluent limitations and narrative requirements will be established in a draft permit based on the site-specific review.

COMMENT 65:

Sharm Markey stated that the TCEQ's oversight does not seem to be sufficient.

RESPONSE 65:

To help ensure that the proposed POCC WWTF is effectively managed, the draft permit describes the conditions under which the WWTF must operate. The proposed WWTF must be designed, operated, and maintained consistent with applicable TCEQ rules. The draft permit includes: provisions for monitoring effluent; sludge disposal; reporting requirements (including test procedures, instrument calibration, records management, and notification); and operational requirements (including process control, provision of adequate power supply, and flow monitoring). These provisions ensure that the WWTF is properly operated and maintained.

If the permit is issued, the WWTF will also be subject to routine compliance investigations, as well as other types of investigations depending on the circumstances. The TCEQ, through its Office of Compliance and Enforcement, helps ensure compliance with state and federal regulations and the terms and conditions of the permit by way of routine compliance investigations and complaint investigations, and review of self-reported monitoring data. The Corpus Christi Regional Office will conduct on-site investigations. The Central Office, through the Monitoring Division, reviews the self-reported data for compliance with the permitted effluent limits and other permit conditions.

Individuals are encouraged to report any concerns about nuisance issues or suspected noncompliance with the terms of any permit or other environmental regulation by contacting the Corpus Christi Regional Office at (361) 825-3100, or by calling the 24-hour toll-free Environmental Complaints Hotline at 1-888-777-3186. The TCEQ investigates all complaints received. If the facility is found to be out of compliance with the terms and conditions of its permit, it may be subject to investigation and possible enforcement action.

COMMENT 66:

Mayor Bujan, Coastal Bend Guide Association, Angie Baker, Cathy Fulton, William Wilson expressed concern over the expedited permitting process.

RESPONSE 66:

The POCC application is not for an expedited permit.

COMMENT 67:

Ecological Sciences Communication Initiative expressed concern that there are no publicly available details on any mitigation measures.

RESPONSE 67:

A review of any mitigation measures taken by the POCC is outside the scope of the wastewater permitting process.

COMMENT 68:

PAC stated that the Executive Director did not properly evaluate the impact of the discharge on the use and enjoyment of nearby residential and commercial properties. PAC stated the Executive Director should consider the impact of general nuisance conditions, including noise and lights, on nearby property owners.

RESPONSE 68:

If the draft permit is issued, it will not grant POCC the right to use private or public property for conveyance of wastewater along the discharge route. This includes property belonging to any individual, partnership, corporation or other entity. The permit does not authorize any invasion of personal rights or any violation of federal, state, or local laws or regulations. It is POCC's responsibility to acquire the necessary property rights to use the site of the planned treatment facility and the discharge route. Additionally, the draft permit does not limit the ability of nearby landowners to use common law remedies for trespass, nuisance, or other causes of action in response to activities that may or actually do result in injury or adverse effects on human health or welfare, animal life, vegetation, or property, or that may or actually do interfere with the normal use and enjoyment of animal life, vegetation, or property.

Individuals are encouraged to report any concerns about nuisance issues or suspected noncompliance with the terms of any permit or other environmental regulation by contacting the Corpus Christi Regional Office at (361) 825-3100, or by calling the 24-hour toll-free Environmental Complaints Hotline at 1-888-777-3186. The TCEQ investigates all complaints received. If the facility is found to be out of compliance with the terms and conditions of its permit, it may be subject to investigation and possible enforcement action.

COMMENT 69:

Lynne Hodgon stated that the proposal to expand the Corpus Christi Ship Channel would cause the release of hazardous substances in violation of 43 Code of Federal Regulations, Part 11 and the Clean Water Act.

RESPONSE 69:

If issued, the draft permit will not authorize the POCC to expand the Corpus Christi Ship Channel. If the POCC opts to dredge the Corpus Christi Ship Channel, the POCC will be responsible for obtaining all necessary permits required for this activity.

E. DRAFT PERMIT

COMMENT 70:

PAC stated that the draft permit should be revised to clearly describe the waste streams that can be treated or discharged under the terms of the permit. PAC notes that any waste streams not specifically described in the permit would require POCC to apply for a major amendment.

RESPONSE 70:

The draft permit would authorize the discharge of water treatment wastes at a daily average flow not to exceed 95,600,000 gallons per day (gpd) via Outfall 001. Water treatment wastes are defined in Other Requirement No. 2 of the draft permit as including, but not limited to, cold lime water treatment wastes, demineralizer backwash, filter backwash, ion exchange water treatment system wastes, membrane regeneration wastes, supernate, filtrate, and reverse osmosis reject water. In accordance with 30 TAC § 305.62, the addition of any waste streams not specifically authorized in the permit, if issued, would represent a substantial change to a limiting term of the permit and would require a major amendment of the permit.

COMMENT 71:

Ernest Brown, IV, asked what types of coagulants and chemicals will be used at the facility.

RESPONSE 71:

POCC provided a description of the proposed wastewater generating and treatment process in Technical Report, Item 2.a. This description included POCC's intent to use a flocculant and coagulant during the pretreatment process to promote removal of suspended solids. The facility has yet to be constructed and, as is the case with most unconstructed facilities, the specific chemicals to be used within wastewater generating and treatment processes have not been finalized.

Permit Condition I(c), located on page 7 of the draft permit, requires POCC to furnish the Executive Director any information to determine whether cause exists for amending, revoking, suspending, or terminating the permit. This information includes, but is not limited to, any new information such as the flocculant and coagulant selected for use within the pretreatment process. Once POCC determines the specific coagulant(s) and/or flocculant(s) to be used, POCC must promptly submit this information to the Executive Director for review. POCC must also submit the names and safety data sheets for all coagulants and/or flocculants, as well as the proposed concentrations that are expected to be in the effluent at the point of discharge. Furthermore, Monitoring and Reporting Requirement 9, located on pages 6 -7 of the draft permit, requires POCC to notify the Executive Director in the event of a known or anticipated change in discharge of toxic pollutants within the discharge. Based on a review of the additional information or notification submitted by POCC, the permit may be reopened to include additional limitations or monitoring requirements, if needed. Finally, regardless of the chemicals utilized in the treatment process, POCC must meet the effluent limitations and provisions established in its permit.

COMMENT 72:

PAC stated that the draft permit needs to specify the location of each discharge structure so that effluent monitoring can be done.

RESPONSE 72:

The latitude and longitude of the outfall location are not required to be included in the permit. However, effluent limitations, monitoring requirements, and a narrative description of the effluent monitoring location (i.e., sampling location) are located on page 2 of the draft permit.

COMMENT 73:

Ernest Brown, IV asked what monitoring programs are planned.

RESPONSE 73:

The draft permit includes effluent limitations for daily average flow, daily maximum flow, minimum pH, and maximum pH. Monitoring requirements for total dissolved solids, chloride, and sulfate were also included in the draft permit based on the proposed facility activities (i.e., seawater desalination). Additionally, the draft permit includes Other Requirement No. 8, which requires the POCC to conduct four sampling events, at least one week apart, of its effluent within 60 days of its first discharge and submit the analytical data to the TCEQ within 90 days of its first discharge. After the analytical data is submitted, the averages of the four samples will be compared to the screening levels established in Appendix A of the Statement of Basis. If necessary, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements for any discharged pollutant that could in any way contribute to contamination of the receiving water.

Additionally, citizens may gather data to show that a permittee is not in compliance with TCEQ's rules. Complaints about the facility or suspected incidents of noncompliance with the permit or TCEQ rules may be reported to the TCEQ Region 14 Office at (361) 825-3100. For more information on citizen collected evidence, please go to the TCEQ website at https://www.tceq.texas.gov/compliance/complaints/protocols

COMMENT 74:

PAC stated that the draft permit should include the effluent limits for: heavy metals; chemicals used for scale prevention and descaling; other chemicals used for cleaning of the facility, the intake and discharge structures, and related pipelines; and chemicals used to facilitate desalination. Similarly, TPWD stated that the Executive Director's technical review of the POCC application should address the contaminants discharged with the brine that resulted from natural sources (such as fluoride and

copper), and from chemicals used in the operation and maintenance of the desalination facility such as conditioning reagents, antiscalant chemicals, and metals from corrosion of piping (iron, chromium, and nickel).

RESPONSE 75:

TPDES permits contain technology-based effluent limits reflecting the best controls available. Where these technology-based permit limits do not protect water quality or the designated uses, additional water quality-based effluent limitations and conditions are included. State narrative and numerical water quality standards are used in conjunction with EPA criteria and other toxicity databases to determine the adequacy of technology-based permit limits and the need for additional water qualitybased controls.

Calculations of water quality-based effluent limitations for the protection of aquatic life and human health are presented in Appendix A of the Statement of Basis. Aquatic life criteria established in Table 1 and human health criteria established in Table 2 of 30 TAC Chapter 307 are incorporated into the calculations, as are recommendations in the Water Quality Assessment Team's memorandum dated August 13, 2018. TCEQ practice for determining significant potential is to compare the reported analytical data from the facility against percentages of the calculated daily average water quality-based effluent limitation. Permit limitations are required when analytical data reported in the application exceeds 85 percent of the calculated daily average water quality-based effluent limitation. Monitoring and reporting is required when analytical data reported in the application exceeds 70 percent of the calculated daily average water quality-based effluent limitation.

However, no analytical data was provided in the application because the facility has not yet been constructed or begun discharging, and screening against water quality-based effluent limitations could consequently not be accomplished. Therefore, the draft permit includes Other Requirement No. 8 requiring the POCC to conduct four effluent sampling events that are at least one week apart, within 60 days of its initial discharge and submit analytical data to the TCEQ within 90 days of its initial discharge. After the analytical data is submitted, the averages of the four samples will be compared to the screening levels established in Appendix A of the Statement of Basis. If necessary, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements for any discharged pollutant that could in any way contribute to contamination of the receiving water, including any pollutants discharged with the brine that result from natural sources, from chemicals used in the treatment process, or corrosion of pipes or other components within the wastewater treatment system.

POCC requested authorization to discharge water treatment wastes directly to Corpus Christi Bay. The POCC did not request authorization to discharge utility wastewaters (such as those generated during facility maintenance activities). The water quality permitting process is limited to controlling the discharge of pollutants contained in the proposed discharge into or adjacent to water in the state and protecting the water quality of the state's rivers, lakes, and coastal waters. The scope of TCEQ's review was limited to the request to discharge water treatment wastes.

However, Operational Requirement 1, located on page 10 of the draft permit stipulates the permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. For the facility to discharge wastewaters generated during maintenance activities, or any other wastestreams, each wastestream would have to be specifically listed as authorized for discharge on page 2 of the draft permit (i.e., on an effluent limitation page).

COMMENT 75:

PAC stated that the draft permit needs to require reporting of all influent and effluent monitoring.

RESPONSE 75:

The draft permit requires reporting of all effluent monitoring. The draft permit requires the POCC to provide the results of effluent monitoring activities required on page 2 of the draft permit to the TCEQ at the intervals specified in the permit and to submit the results of effluent monitoring online using the TCEQ's NetDMR (online) reporting system, unless the POCC requests and obtains an electronic reporting waiver. Monitoring and Reporting Requirement 1. The draft permit does not require the POCC to monitor its influent, therefore, there are no reporting requirements.

COMMENT 76:

PAC stated the draft permit should require POCC to timely report any violations of any permit condition. According to PAC, timely reporting will allow TCEQ and the City of Port Aransas to respond quickly to avoid adverse impacts. Similarly, Sierra Club and Sarah Searight expressed concern over TCEQ's enforcement process.

RESPONSE 76:

The draft permit requires POCC to notify the TCEQ of certain noncompliance issues (Monitoring and Reporting Requirements 7). Specifically, in accordance with 30 TAC § 305.125(9), any noncompliance that may endanger human health or safety, or the environment shall be reported verbally or by fax to the TCEQ 's Regional Office within 24 hours of the permittee becoming aware of the noncompliance. Additionally, the POCC must provide a written submission to the TCEQ 's Regional Office and the Enforcement Division within five working days of becoming aware of the noncompliance. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.

Additionally, anyone may report any concerns about suspected noncompliance with the terms of any permit or other environmental regulation by contacting the Corpus Christi Regional Office at (361) 825-3100, or by calling the 24-hour toll-free Environmental Complaints Hotline at 1-888-777-3186. The TCEQ investigates all complaints received. If the facility is found to be out of compliance with the terms and conditions of its permit, it may be subject to investigation and possible enforcement action.

COMMENT 77:

TPWD stated that because the draft permit does not have effluent limits, it is unclear how the draft permit will be protective of existing instream uses.

RESPONSE 77:

The TSWQS located at 30 TAC Chapter 307 state that "surface waters will not be toxic to man from ingestion of water, consumption of aquatic organisms, or contact with the skin, or to terrestrial or aquatic life." The methodology outlined in the IPs (June 2010) is designed to ensure compliance with the TSWQS and be protective of existing instream uses.

TPDES permits contain technology-based effluent limits reflecting the best controls available. Where these technology-based permit limits do not protect the designated uses, additional water quality-based effluent limitations and conditions are included. State narrative and numerical water quality standards are used in conjunction with EPA criteria and other toxicity databases to determine the adequacy of technology-based permit limits and the need for additional water quality-based controls.

Effluent limitation screening thresholds presented in Appendix A of the Statement of Basis were developed using acute and chronic aquatic life criteria as well as human health criteria for protection from the consumption of saltwater fish tissue. The effluent limitations and provisions, including narrative criteria, contained in the draft permit are designed to prevent toxicity and protect the designated uses of the receiving water body to ensure that the draft permit is protective of human health and the environment.

The draft permit contains limitations on daily average and maximum flow, limitations on minimum and maximum pH, and monitoring requirements for total suspended solids, total dissolved solids, chloride, and sulfate. These limitations and monitoring requirements were included in the draft permit based on the proposed facility activities (i.e., seawater desalination) and treatment process. However, analysis of the effluent could not be conducted, nor could analytical data be submitted with the application, because the facility has not yet been constructed or begun discharging, and screening against water quality-based effluent limitations established in Appendix A of the Statement of Basis could consequently not be accomplished. Therefore, the draft permit includes Other Requirement No. 8, which requires the POCC to conduct four effluent sampling events that are at least one week apart within 60 days of its first discharge and to submit the analytical data to the TCEQ within 90 days. After the analytical data is submitted, the averages of the four samples will be compared to the screening levels. If necessary, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements for any discharged pollutant that could in any way contribute to degradation of water quality in the receiving water or will not be protective of the existing uses.

In accordance with 30 TAC § 307.5 and TCEQ's IPs (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Segment No. 2481, which has been identified as having exceptional aquatic life use. The existing uses of Segment No. 2481 will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

COMMENT: 78:

TPWD asked for information regarding the expected effluent concentrations for Total Suspended Solids, Chloride, Sulfate and Total Dissolved Solids. TPWD noted that without knowing what the expected concentrations of these constituents will be in the effluent, the possible effects on larval finfish and shellfish are unknown.

RESPONSE 78:

Technical Report Worksheet 2.0 included data regarding expected effluent concentrations for total organic carbon, total suspended solids, nitrate nitrogen, total dissolved solids, sulfate, chloride, fluoride, temperature, pH, total barium, sulfite, total boron, total iron, and total magnesium. Based on this estimated data, and knowledge of the proposed industrial activity (i.e., seawater desalination) and treatment processes, daily monitoring requirements were included in the draft permit for total suspended solids, total dissolved solids, chloride, and sulfate.

Analysis of the effluent could not be conducted nor actual analytical data submitted with the application because the facility has not yet been constructed or begun discharging and screening against water quality-based effluent limitations could not be accomplished. Therefore, the draft permit includes Other Requirement No. 8, which requires the POCC to conduct four sampling events, at least a week apart, of its effluent within 60 days of its initial discharge and submit analytical data to the TCEQ within 90 days of its initial discharge. After the analytical data is submitted, the averages of the four samples will be compared to the screening levels. Based on a review of the analytical data reported under the daily monitoring requirements contained in the draft permit or Other Requirement No. 8, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements for any discharged pollutant that could in any way contribute to contamination of the receiving water, if necessary. In addition to effluent limitations or monitoring requirements for specific pollutants, the permit could be amended to include long-term study requirements or whole effluent toxicity testing.

COMMENT 79:

TPWD requests the applicant conduct voluntary Whole Effluent Toxicity testing to demonstrate there are no deleterious effects from the POCC effluent to aquatic life.

RESPONSE 79:

A biomonitoring review is not required for the proposed discharge based upon requirements at 30 TAC § 307.6(e) and the threshold criteria established on pages 102 and 103 of the IPs (June 2010) relating to applicability of biomonitoring requirements for industrial dischargers. The purpose of Whole Effluent Toxicity (WET) testing (a.k.a., biomonitoring) is to directly measure the aggregate toxic effects (e.g., lethality and sublethality) on surrogate sensitive test species, including vertebrates and invertebrates, to effluent at the critical dilution of the receiving waters. Discharges from a facility which has classification as an EPA major industrial discharger, continuous discharges of process wastewaters, or a discharge with the potential to exert toxicity in the receiving water automatically require WET testing. WET testing may be required based upon BPJ if the minor industrial facility applies water treatment chemicals or biocides, the TCEQ determines the effluent has the potential to exert toxicity in the receiving water, or the permit requires effluent limits based on aquatic life water quality criteria because the effluent analysis exceeds the screening criteria. The Executive Director asked the POCC if it would be willing to voluntarily incorporate Whole Effluent Toxicity testing in its draft permit. The POCC agreed to this per their consultant in a June 26, 2019 telephone call.

F. FISH AND WILDLIFE

COMMENT 80:

PAC stated that the Executive Director should evaluate the impact of the proposed discharge location on benthic communities, benthic organisms in the water column, the large marine communities, fish, shellfish, and marine habitat (including seagrasses). Similarly, the persons in Attachment 15 stated that they are opposed to the POCC causing harm to the marine environment.

RESPONSE 80:

The Standards Implementation reviewer considered the impact of the proposed discharge location on benthic communities, benthic organisms in the water column, the large marine communities, fish, shellfish, and marine habitat, and determined that the amount of tidal mixing in the channel, along with the aid of the diffuser, would ameliorate effects of the discharge on the local ecology in the channel, including fish. Further, the proposed discharge was evaluated for potential impacts to dissolved oxygen levels in the Corpus Christi Channel for protection of aquatic life. This type of discharge is not expected to contain significant levels of conventional oxygendemanding substances. High salinity levels can impact dissolved oxygen levels, since dissolved oxygen saturation concentrations decrease as salinity increases. Because of the combined effect of the channel's natural mixing processes and the use of a 10-port diffuser at the POCC outfall to further enhance mixing, the CORMIX diffuser analysis predicted very low effluent concentrations at the edge of the mixing zone. At these effluent concentrations, salinity levels at the edge of the mixing zone are not expected to be elevated to a degree that would potentially result in dissolved oxygen concentrations below the criterion corresponding to the Exceptional Aquatic Life Use designation applicable to this water body.

Additionally, consistent with the TCEQ's Procedures to Implement the Texas Surface Water Quality Standards (2010 IPs), the proposed outfall is assigned regulatory mixing zones. By assigning mixing zones, a portion of the waterbody is allowed to mix with and dilute a wastewater discharge prior to evaluating whether the waterbody as a whole meets its designated criteria. Effluent concentration limits, if needed, are determined using the critical mixing conditions in order to meet numerical water quality standards for acute and chronic toxicity. The permit is developed such that acute and chronic toxic criteria apply at the edge of their respective regulatory mixing zone boundaries.

COMMENT 81:

PAC expressed concern over the direct and indirect impacts on fish and wildlife. The persons in Attachment 18 expressed concern over the impact of the WWTF and the discharge on wildlife, including birds. Similarly, Dennis Bryant, Gregg Stunz, stated that the permit should not be issued until further studies can be done to determine the effects of the effluent on the fish.

RESPONSE 81:

The Executive Director reviewed a Texas Water Development Board¹ study which determined that fish reproduction could be affected by salinity above 35 practical salinity units (psu), and that the optimal salinity range is between 20 and 35 psu. The width of the channel at the discharge location is approximately 385 meters. The Critical Conditions reviewer assessed the edge of the mixing zone (MZ) at a distance of 200 feet, which is approximately 61 meters, in which the percent effluent is 1.34. Therefore, within 61 meters the effluent is projected to be well-mixed with the ambient seawater in the channel. The designated uses in the Bay are projected to be maintained and protected because the draft permit requires the outfall to include a diffuser. The draft permit includes additional effluent limitations as well.

Regarding impacts on wildlife, as specified in the TSWQS, water in the state must be maintained to preclude adverse toxic effects on aquatic life, terrestrial life, livestock, and domestic animals resulting from contact, consumption of aquatic organisms, or consumption of water. The TCEQ does not have specific water-quality

¹ <u>http://www.twdb.texas.gov/publications/reports/contracted_reports/doc/9483709.pdf</u>

based effluent limitations for water consumed by wildlife, however, the TCEQ Water Quality Assessment Section has determined that the draft permit meets the requirements of the TSWQS, which are established to protect human health and terrestrial and aquatic life. Aquatic organisms are more sensitive to water quality components than terrestrial organisms; therefore, terrestrial wildlife would not be negatively impacted by the discharge from this facility if POCC maintains and operates the facility in accordance with TCEQ rules and the provisions in the permit.

COMMENT 82:

PAC and the persons in Attachment 7 expressed concern over the direct and indirect impacts on endangered species. Specifically, the commenters noted the Whooping Crane has recently been found nearby. The commenters also noted the following species are found in the area: Kemp's Ridley sea turtles; Eskimo Curlew; Piping Plover; Whooping Crane; Small tooth Sawfish; Atlantic Hawksbill Sea Turtle; Green Sea Turtle; Leatherback Sea Turtle; Loggerhead Sea Turtle; Wood Stork; West Indian Manatee; Goliath Grouper; Crabs; Jew Fish; Southern Flounder; and Eastern Brown Pelican.

RESPONSE 82:

The review of endangered species relies on the United States Fish and Wildlife Service's (USFWS) biological opinion on the State of Texas authorization of the Texas Pollutant Discharge Elimination System (TPDES; September 14, 1998, October 21, 1998 update). A watershed of high priority is identified in segment 2481 for the piping plover, *Charadrius melodus* Ord, a threatened aquatic dependent species; however, the facility is not a petroleum facility and its discharge is not expected to have an effect on the piping plover. The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The Executive Director only considered species that are included in the USFWS biological opinion.

COMMENT 83:

PAC stated that the Executive Director did not properly evaluate the impact of the discharge on recreational and commercial fishing. The persons in Attachment 8

expressed concern over the impact of the proposed discharge to commercial and recreational fishing. PAC and the persons in Attachment 8 also expressed concern that the discharge from the facility will damage the fisheries.

RESPONSE 83:

The Standards Implementation reviewer determined that the amount of tidal mixing in the channel, along with the aid of the diffuser, would ameliorate effects of the discharge on recreational and commercial fishing.

The width of the channel in the vicinity of the discharge is approximately 385 meters. The Critical Conditions reviewer assessed the edge of the chronic aquatic life mixing zone (MZ) at a distance of 200 feet in which the critical percent effluent is predicted to be 1.34 percent (%). Therefore, at the edge of this mixing zone, the effluent is expected to be well-mixed with the ambient seawater in the channel. Given the width of the channel and the enhanced mixing provided by the diffuser, the Standards Implementation Team determined that there is an adequate zone of passage for marine species; therefore, there should be minimal to no impacts to commercial and recreational fishing.

COMMENT 84:

Ernest Brown, IV, asked what the brine tolerance thresholds are for the native species. PAC expressed concern that the increase in salinity may disrupt the migration patterns of various larval species. CCA expressed concern over the impact of the proposed discharge on the migration paths of adult southern flounder. PAC and the persons in Attachment 9 expressed concern that the increase in salinity may disrupt the migration patterns of various larval species.

RESPONSE 84:

Careful consideration is given to TPDES applications that may detrimentally affect estuarine salinity. A Texas Water Development Board² study determined that the optimal salinity range for reproduction in spotted seatrout and Atlantic croaker, which

² http://www.twdb.texas.gov/publications/reports/contracted_reports/doc/9483709.pdf

are native species known to occur in the Corpus Christi Channel, appears to be between 20 and 35 psu. The Critical Conditions reviewer assessed the edge of the chronic aquatic life mixing zone (MZ) at a distance from the outfall of 200 feet in which the critical percent effluent is predicted to be 1.34 percent. Therefore, at the edge of this mixing zone, the effluent is expected to be well-mixed with the ambient seawater in the channel. Given the width of the channel, tidal currents, and the enhanced mixing provided by the diffuser, the change in salinity above that of ambient seawater is anticipated to be minimal, and the Executive Director determined that there is an adequate zone of passage for larval and adult life stages. Therefore, negative impacts to native species and migration patterns of larval and adult life stages are not anticipated.

COMMENT 85:

The persons in Attachment 10 stated that more studies are needed. PAC, TPWD, George P. Bush, Carter Smith, and Lucia Dailey referenced the report of the Texas Parks and Wildlife Department and General Land Office of 2018 to the Texas Legislature, Joint Marine Seawater Desalination Study.

https://tpwd.texas.gov/publications/pwdpubs/media/hb2031dz.pdf

RESPONSE 85:

The draft permit was developed in accordance with the requirements of 30 TAC Chapter 307 and the TCEQ's IPs (June 2010). In addition to the TCEQ's rules and implementation procedures, the Executive Director's evaluation used information and studies provided with the application, available data on the receiving water body, CORMIX modeling analysis, the USFWS's biological opinion, Surface Water Quality Monitoring Information System data, a TWDB study, and other EPA and TCEQ guidance documents to develop the draft permit.

The Texas Parks and Wildlife Department and General Land Office 2018 report to the Texas Legislature, Joint Marine Seawater Desalination Study, submitted by several individuals, was reviewed by the Executive Director, but the results of the study did not change the Executive Director's recommendation to issue the draft permit. As specified in the TSWQS, water in the state must be maintained to preclude adverse toxic effects on aquatic life, terrestrial life, livestock, and domestic animals resulting from contact, consumption of aquatic organisms, or consumption of water. The Executive Director has determined that the draft permit, which requires for the effluent to have a diffuser as well as additional effluent limitations, is in compliance with the requirements of the TSWQS and that the designated uses of Corpus Christi Bay will be maintained and protected.

Calculated water quality-based effluent limitations and screening thresholds are presented in Appendix A of the Statement of Basis and the draft permit includes Other Requirement No. 8, which requires the POCC to conduct four sampling events that are at least one week apart once of its effluent within 60 days of its first discharge and submit the analytical data to the TCEQ within 90 days. After the analytical data is submitted, the averages of the four samples will be compared to the screening levels established in Appendix A of the Statement of Basis. Additionally, the Executive Director has recommended adding a monitoring provision to the draft permit, requiring the applicant to characterize the ambient water velocity at the discharge location. If necessary, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements, including long-term studies or biomonitoring, for any discharged pollutant that could in any way contribute to contamination of the receiving water.

If any additional modeling or other studies specifically applicable to this proposed discharge or discharge location should be or become available, TCEQ staff would welcome the opportunity to examine that additional information so it could be considered in the evaluation of this proposed discharge.

Additionally, citizens may gather data to show that a permittee is not in compliance with TCEQ's rules. Complaints about the facility or suspected incidents of noncompliance with the permit or TCEQ rules may be reported to the TCEQ Region 14 Office at (361) 825-3100. For more information on citizen collected evidence, please go to the TCEQ website at https://www.tceq.texas.gov/compliance/complaints/protocols

COMMENT 86:

The persons in Attachment 11 expressed concern over the impact of the discharge on health. Aldo Dyer stated that he eats fish and other seafood and is concerned about the toxins in the discharge from the proposed facility. Similarly, Morgan Faulkner expressed concern that the discharge from the WWTF will negatively impact fishing and he depends on the fish he catches to feed his family.

RESPONSE 86:

The draft permit was developed to be protective of human health and the environment. The TSWQS at 30 TAC Chapter 307 states that "surface waters will not be toxic to man from ingestion of water, consumption of aquatic organisms, or contact with the skin, or to terrestrial or aquatic life." The methodology outlined in the IPs (June 2010) is designed to ensure compliance with the TSWQS. Specifically, the methodology is designed to ensure that no source will be allowed to discharge any wastewater that: (1) results in instream aquatic toxicity; (2) causes a violation of an applicable narrative or numerical state water quality standard; (3) results in the endangerment of a drinking water supply; or (4) results in aquatic bioaccumulation that threatens human health. As a result, when TCEQ staff review wastewater discharge permit applications, they ensure permits comply with those standards.

The designated uses for Segment No. 2481, Corpus Christi Bay, as stated at 30 TAC Section § 307.10 are primary contact recreation, exceptional aquatic life use, and oyster waters. Discharges to Corpus Christi Bay are evaluated as discharging to a bay or wide tidal river. Under these conditions, both acute and chronic aquatic life criteria apply to the proposed discharge, as do human health criteria for protection from the consumption of saltwater fish tissue.

Calculated water quality-based effluent limitations and screening thresholds are presented in Appendix A of the Statement of Basis. The draft permit includes calculated water quality-based effluent limitations and provisions, including narrative criteria, designed to prevent toxicity and protect the designated uses of the receiving water body.

In accordance with 30 TAC § 307.5 and TCEQ's IPs (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1

antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Corpus Christi Bay, which has been identified as having exceptional aquatic life use. The existing uses of Corpus Christi Bay will be maintained and protected. This preliminary determination can be reexamined and may be modified if new information is received.

COMMENT 87:

Tammy King stated that there is very little tidal exchange in the channel, thus the hypersaline water will kill the bait fish and turtles.

RESPONSE 87:

The salinity of the receiving water body is accounted for during the diffuser review and CORMIX modeling. Ambient salinity data was available from a TCEQ monitoring station that captured salinity measurements between 1999 and 2012. Consistent with TCEQ guidance, the 5th and 95th percentiles of the salinity data for both summer and winter seasons were derived and analyzed with CORMIX in determining the most critical discharge scenario(s).

Lethality of marine species, such as bait fish and turtles, are termed acute effects. The area with the highest percentage of effluent is the zone of initial dilution. If this permit is issued, the zone of initial dilution will encompass an area equivalent to the area described by an approximately 50-foot circle, centered on the diffuser barrel, and the critical percentage of effluent at the edge of the zone of initial dilution is predicted to be 1.95 %. Given the width of the channel and the enhanced mixing provided by the diffuser, it was determined that acute effects on marine species are highly unlikely.

COMMENT 88:

TPWD noted that the proposed discharge is in the Redfish Bay State Scientific Area which includes a unique and fragile environment. The individuals in Attachment 26 expressed concern over the impact of the discharge on the Redfish Bay State Scientific area.

RESPONSE 88:

The Redfish Bay State Scientific Area is near the proposed discharge location. The Critical Conditions reviewer assessed the edge of the chronic aquatic life mixing zone (MZ), which is a defined area adjacent to the outfall, equivalent to the area described by an approximately 200-foot circle centered on the diffuser barrel. At the edge of this mixing zone, the critical percent effluent is predicted to be 1.34 %. Therefore, from a distance beyond the chronic aquatic life mixing zone, the effluent is well-mixed with the ambient seawater and should not adversely affect the water quality in the Redfish Bay State Scientific Area.

COMMENT 89:

The persons in Attachment 12 expressed concern over the risk to spawning. Similarly, the persons in Attachment 13 stated that the discharge could harm eggs and larvae.

RESPONSE 89:

A study determined that reproduction in spotted seatrout and Atlantic croaker, which are known to occur in the Corpus Christi Channel, could be affected by salinity above 35 practical salinity units (psu)³ and the optimal salinity range appears to be between 20 and 35 psu.⁴ The TCEQ Critical Conditions reviewer determined that the percentage of effluent at the edge of the MZ is predicted to be 1.34 %. This means that the percentage of ambient seawater at the edge of the MZ is 98.66 %. With the aid of the diffuser and tidal currents, the percentage of effluent will continue to diminish beyond the MZ, and should pose no further risk to fish spawning in the channel beyond the mixing zone.

³ http://www.twdb.texas.gov/publications/reports/contracted_reports/doc/9483709.pdf

⁴ Practical salinity units (psu), oceanic salt concentration, equivalent to parts per thousand (ppt).

COMMENT 90:

Margo Branscomb expressed concern over the impact of the discharge on Blue Crabs, which are the primary source of food for Whooping Cranes.

RESPONSE 90:

A Standards Implementation review is conducted for each TPDES permit application, which considers acute and chronic effects on marine species, such as the Blue Crab. The percentage of effluent was determined to be 1.34 percent (%) at the edge of the mixing zone. This means that ambient seawater makes up 98.66 % of the water at the edge of the mixing zone. Therefore, given the size of the Corpus Christi Channel where the proposed discharge is located, the Standards Implementation Team determined that the impact to blue crabs should be minimal.

G. INTAKE STRUCTURES

COMMENT 91:

PAC stated that the Executive Director should consider the impact from the design and location of the intake structures. According to PAC, the design and location of the intake structures are important for the Executive Director's review of the application because the nature of the intake water directly impacts the nature and quality of the effluent. Specifically, according to PAC, the salinity and quantity of entrained larvae, eggs and other organic materials will depend on the location of the intake structure. PAC recommends the Executive Director perform a review similar to the review for steam electric power plants that discharge cooling water. PAC provided a list of aquatic species that could potentially be negatively impacted depending on the location of the intake structure. Similarly, CCA stated that the intake piping should be installed below the seabed via directional drilling to prevent impingement or entrapment of aquatic organisms.

RESPONSE 91:

The TCEQ's Water Availability Division reviews and regulates the location and design of water intakes and diversion points. This review includes consideration of potential impacts to aquatic species within the area of the intake. Requirements for the Executive Director's Response to Comments Page 70 Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

location or design of a water intake structure, including requirements to control and reduce impingement and entrainment of aquatic organisms, would be contained in an authorization obtained from this Division. The POCC has not applied for authorization for its intake or diversion points.

Section 316(b) of the CWA contains requirements for reducing the impingement and entrainment of aquatic organisms (e.g., eggs, larvae, and juvenile life stages). The requirements of Section 316(b) and associated application materials are required to be submitted by an industrial facility which uses or proposes to use water for cooling purposes, such as a steam electric power plant. The applicant proposes to use RO for seawater desalination activities. RO is a mechanical water treatment process whose discharge does not typically have a thermal component. The POCC provided estimated data for temperature in the application, which indicated the temperature of the effluent was anticipated to range from 57.2°F (14°C) to 89.6°F (32°C), which is below the segment criteria for temperature, as defined in Appendix A of 30 TAC Chapter 307. Furthermore, the applicant does not propose to use cooling water within facility processes. The requirements of Section 316(b) of the CWA are not applicable to the proposed facility activities.

COMMENT 92:

PAC stated that contaminants may be found in the sediments or water in the location of the intake structures during or after construction of the structures. PAC also stated that it is not clear if the location of the facility including the intake and discharge structures and associated pipelines will protect wetlands, land, cultural and historical resources in and around Harbor Island.

Additionally, according to John Morris, the level of residual pollution related to previous tank farms on Harbor Island would likely preclude construction due to disruption of remaining pollutants that would then be released into both surface and groundwater. Similarly, Scott Holt stated that the construction and maintenance of the pipelines will be environmentally destructive. Additionally, the persons in Attachment 14 noted that there is a lot of petroleum contamination in the soil and first shallow groundwater-bearing unit on Harbor Island.

RESPONSE 92:

Construction sites that discharge stormwater associated with construction activities, as defined at 40 CFR § 122.26, may discharge under the monitoring requirements and other conditions set forth in the TCEQ's General Permit for Stormwater Discharges Associated with Construction Activities (TPDES Permit No. TXR150000). The site previously had coverage under this general permit, Permit/Registration No. TXR15MO48, but coverage was ended on August 28, 2012.

If contamination from previous industrial activities regulated under the jurisdiction of the TCEQ is determined to be present on-site during development of the site or activities related to construction of the treatment plant, POCC would be required to notify the TCEQ's Remediation Division for potential enrollment in the Industrial and Hazardous Waste (IHW) Corrective Action Program. The IHW Corrective Action Program administers the cleanup of sites contaminated from industrial and municipal hazardous and industrial nonhazardous wastes which are regulated under the jurisdiction of the TCEQ. Based on information in TCEQ's Central Registry, the proposed site is not currently enrolled in the IHW Corrective Action Program.

If there is contamination and it resulted from industrial activities outside the regulation of the TCEQ, the remediation activities would be administered by the appropriate jurisdictional authority. For example, remediation of contamination resulting from on-site crude oil storage or terminal facilities would be under the jurisdiction of the Railroad Commission of Texas.

Additionally, Operational Requirement 1, located on page 10 of the draft permit stipulates the permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. The draft permit authorizes the discharge of water treatment wastes at a daily average flow not to exceed 95.6 MGD and was developed to be protective of aquatic life and human health in accordance with the TSWQS, provided that POCC operates and maintains the facility in accordance with TCEQ rules and the requirements of the draft permit.

H. ANTIDEGRADATION REVIEW

COMMENT 93:

PAC stated that the Executive Director did not have enough information to perform the antidegradation review.

RESPONSE 93:

The POCC application had sufficient information for the Executive Director to complete the antidegradation review. The Executive Director's Tier 1 and Tier 2 antidegradation review complied with all the applicable statutory and regulatory requirements. Additionally, because of the location of the discharge, the Executive Director performed a diffuser analysis to help ensure adequate mixing of the effluent with the receiving water.

To conduct an antidegradation review the Executive Director determines if the proposed discharge will cause impacts on the receiving water. To perform the review the application must include information on effluent characteristics that are provided in the TPDES permit application. The application included all the required information for the Executive Director to complete the antidegradation review according to 30 TAC § 307.5.

<u>Overview.</u> New TPDES permits, as well as amendments to TPDES permits, that allow increased pollution loading are subject to review under Tier 1 of the antidegradation policy; all pollution that could cause an impairment of existing uses is included in the evaluation. Designated uses, and the numerical and narrative criteria needed to support those uses, are established in the Texas Surface Water Quality Standards (TSWQS, 2018) in 30 TAC § 307.10, Appendix A. The Executive Director's Tier I antidegradation review ensures that existing water quality uses are not impaired by increases in pollution loading. Numerical and narrative criteria necessary to protect existing uses will be maintained.

New TPDES permits, as well as amendments to TPDES permits, that allow an increase in loading are also subject to review under Tier II of the antidegradation policy. A Tier II antidegradation review generally applies to water bodies that have existing, designated, or presumed uses of intermediate, high, or exceptional aquatic life uses. The Executive Director's Tier II antidegradation review ensures that where water quality exceeds the normal range of fishable/swimmable quality, the water quality will be maintained, unless lowering it is necessary for important economic or social development.

<u>Executive Director's Tier I Review.</u> According to the POCC application, the receiving water is Corpus Christi Bay in Segment 2481 of the Texas Bays and Estuaries with existing uses of exceptional aquatic life use, oyster waters, and primary contact recreation, with an associated dissolved oxygen criterion of 5.0 mg/L. The Executive Director's Tier I antidegradation review of the Port of Corpus Christi application preliminarily determined that existing water quality uses will not be impaired by the permit, if it is issued. Numerical and narrative criteria to protect existing uses will be maintained.

<u>Executive Director's Tier II Review.</u> Due to its exceptional aquatic life use, Corpus Christi Bay exceeds fishable/swimmable quality and, therefore, must undergo a Tier 2 review as well as a Tier I review. The draft permit requires that the outfall include a diffuser to maintain and protect the designated uses. Further, the proposed discharge is evaluated to ensure that dissolved oxygen levels in the Bay will be maintained above its criterion of 5.0 mg/L, in order to support the Bay's exceptional aquatic life use. The Tier 2 review preliminarily determined that no significant degradation of water quality is expected in Corpus Christi Bay and existing uses will be maintained and protected.

COMMENT 94:

TPWD also recommends the Executive Director's review of the discharge plume regulations and modeling approaches include limiting salinity increases at the mixing zone boundary to no more than 5% (or an absolute increment of 2 practical salinity units (psu), whichever is less) of that occurring naturally in the waters around the discharge.

RESPONSE 94:

The critical conditions reviewer determined that the critical effluent percentage is predicted to be 1.34 % at the edge of the mixing zone, which means that at the edge

of the mixing zone, the ambient seawater percentage is predicted to be 98.66%. Given the dimensions of the channel in comparison to that of the mixing zone, as well as the significant mixing predicted to occur in the receiving waters, salinity concentrations are not expected to be significantly elevated above ambient levels beyond the mixing zone, either in terms of a percent increase in salinity or an increase in practical salinity units from that occurring naturally in the waters around the discharge.

COMMENT 95:

Ecological Sciences Communication Initiative stated that the Executive Director should have performed a Tier 3 antidegradation review because Corpus Christi Bay is considered an exceptional water for both aquatic life and recreation.

RESPONSE 95:

According to the IPs (2010) and 30 TAC § 307.5, a Tier 3 antidegradation review pertains to Outstanding National Resource Waters that are located within or adjacent to national parks, wildlife refuges, state parks, or wild and scenic rivers designated by law, and other designated areas of exceptional recreational or ecological significance. Currently there are not any Outstanding National Resource Waters designated in the state of Texas.

The proposed discharge is to the Corpus Christi Ship Channel portion of Segment No. 2481– Corpus Christi Bay, which is designated as exceptional aquatic life use and oyster waters thus subject to Tier I and II antidegradation. Corpus Christi Bay has not been designated an Outstanding National Resource Water.

For this TPDES permit application, a Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Corpus Christi Bay, which has been identified as having exceptional aquatic life use. Existing uses will be maintained and protected.

I. MODELING

COMMENT 96:

According to PAC, to verify the theoretical modeling, POCC should also have plans for monitoring the constituents before they are released as well as in the mixing zone.

RESPONSE 96:

Based on the requirements of 40 CFR 122.41(j), samples and measurements taken for monitoring shall be representative of the monitored activity. Sampling of the effluent is required to be conducted following final treatment and prior to commingling with any other wastewaters or entering the receiving waters (i.e., prior to discharge). According to the narrative description of the sampling location provided on page 2, item 4, of the draft permit, the effluent monitoring samples must be taken at Outfall 001, following commingling of all wastewater and prior to discharging into Corpus Christi Bay.

COMMENT 97:

Aaron Corman asked what proof the Executive Director has that the modeling estimates are accurate.

RESPONSE 97:

The Executive Director prepared the POCC draft permit based on the information and the representations provided by POCC in its application. Staff relied on the accuracy and completeness of the information and representations in the application. POCC has a legal duty to promptly notify the Executive Director if POCC becomes aware that it failed to submit any relevant facts in a permit application or submitted incorrect information in an application or in any report, and it shall then promptly submit such facts or information. Additionally, the draft permit provides that "Negligently or knowingly making a false statement, representation, or verification on any report, record, or other document submitted or required to be maintained is subject to administrative, civil, and criminal penalties, as provided by state law." Draft Permit, page 7, permit condition 1.

The proposed diffuser discharge was evaluated using the CORMIX model to determine predicted maximum potential effluent concentrations at the edge of the zone of initial dilution (ZID), the aquatic life mixing zone, and the human health mixing zone. CORMIX is a standard modeling tool used to both design diffusers and evaluate mixing near diffuser outfalls, and was specifically designed for these purposes. It has a long period of accepted use and is supported by the EPA. It has been used for many years in many different environments with many different diffuser configurations for such analyses. The CORMIX diffuser analysis was performed consistent with the TCEQ modeling standard operating procedures (SOPs) developed as general guidance for these types of analyses.

These modeling analyses are designed with the intention of being conservative to ensure that aquatic life and human health will be protected. Various different modeling scenarios are evaluated as part of the CORMIX analysis, including various combinations of high temperature, high salinity, low temperature, and low salinity, based on available long-term water quality monitoring data, evaluated under both summertime and wintertime conditions. The critical dilutions (effluent percentages) determined for permitting purposes are based on whatever the most pessimistic model runs predict for each of the three mixing zones (ZID, aquatic life mixing zone, and human health mixing zone).

COMMENT 98:

CCA asked if the CORMIX model accounted for the different salinity at the intake and outfall locations.

RESPONSE 98:

The water salinity at the intake is not directly accounted for in the CORMIX model. Rather, the CORMIX model estimates the mixing potential of the discharged effluent with the receiving water body. Therefore, the CORMIX model incorporates the salinity of the discharged effluent and the salinity of the ambient receiving water body. It is the responsibility of POCC to provide representative effluent temperature and salinity, and the ambient water salinity is based on measurements collected by a TCEQ water quality monitoring station. Given that salinity can vary with seasonal changes,

the CORMIX model is evaluated under summer and winter conditions as well as when the water column exhibits high and low salinity concentrations during each season. Since the most limiting combination of effluent and receiving water body conditions cannot be reliably predicted in advance of running the model, several modeling cases are constructed in order to capture the extent of variations in temperature and salinity in the receiving water body. From these cases, the most stringent results are used to determine effluent percentages and develop permit limits, if needed.

COMMENT 99:

CCA asked if the CORMIX model accounted for the bottom morphology or if it assumes a flat bottom.

RESPONSE 99:

The model accounts for bottom slopes of the water body, which were provided by POCC. Additionally, a measure of the water body's bottom roughness characteristics (known as the Manning's *N* coefficient) was also a variable used in the model. A Manning's *N* coefficient of 0.0183 was used for all model runs and was provided by the applicant. Based on the *CORMIX User Manual*, a Manning's *N* coefficient of 0.02 is representative of a channel type described as smooth with no weeds, and is usually assigned for reservoirs, bays, navigation channels, and similar water bodies. Therefore, the Executive Director determined the Manning's *N* coefficient of 0.0183 provided by POCC is a reasonable estimate of the bottom roughness.

COMMENT 100:

CCA stated "with plans to dredge the channel to 55' and possibly 75', we are concerned with the potential for a negatively buoyant discharge to settle out near the bottom of the channel, and likelihood of it creating a hypoxic wedge."

RESPONSE 100:

Because the discharge is expected to typically have a higher salinity than the receiving waters, a negatively buoyant discharge is likely. A 10-port diffuser is proposed as a component of the outfall, the purpose of which is to enhance mixing

beyond that which would occur without the diffuser. The CORMIX analysis includes ambient density and effluent density parameters developed from temperature and salinity information. CORMIX model predictions take into account many factors, including the buoyancy conditions resulting from the differences between effluent and ambient densities applicable to various evaluated discharge scenarios. At the edge of the mixing zone, CORMIX predicts very low effluent concentrations. Although hypoxic conditions (deficient levels of dissolved oxygen) related to high salinity levels could potentially occur under some circumstances in the immediate vicinity of the diffuser ports, these conditions are not expected to occur or persist beyond the edge of the mixing zone.

The proposed discharge has been evaluated under currently applicable channel conditions, based on information provided by POCC. Future evaluations of the discharge will use channel conditions applicable at the time when that permit action is under review. If channel dimensions are different at that time, POCC will be required to provide this updated information, which will be incorporated into updated evaluations of the discharge.

COMMENT 101:

PAC, Cara Denncy, Cliff Strain, Mark Grosse, commented that the modeling for the facility is faulty. Ms. Denncy asked if the Executive Director used one model for two different scenarios. Similarly, Cathy Fulton expressed concern that a study has not been performed to determine how the hyper-saline water will flow.

RESPONSE 101:

The proposed diffuser discharge was evaluated using the CORMIX model to determine predicted maximum potential effluent concentrations at the edge of the zone of initial dilution (ZID), the aquatic life mixing zone, and the human health mixing zone. CORMIX is a standard modeling tool used to both design diffusers and evaluate mixing near diffuser outfalls, and was specifically designed for these purposes. It has been used for many years in many different environments with many different diffuser configurations for such analyses. The proposed discharge was also evaluated to determine potential impacts to dissolved oxygen levels in the receiving waters. In the case of this proposed discharge, the dissolved oxygen analysis is contingent in part, but not exclusively, on the aquatic life mixing zone results of the CORMIX diffuser analysis. Both the CORMIX diffuser analysis and the dissolved oxygen analysis were performed consistent with the TCEQ modeling standard operating procedures (SOPs) developed as general guidance for these types of analyses.

These modeling analyses are designed with the intention of being conservative to ensure that aquatic life and human health will be protected. Various different modeling scenarios are evaluated as part of the CORMIX analysis, including various combinations of high temperature, high salinity, low temperature, and low salinity, based on available long-term water quality monitoring data, evaluated under both summertime and wintertime conditions, with additional stratification model runs if stratification is determined to be a routine characteristic of the receiving waters. The critical dilutions (effluent percentages) determined for permitting purposes are based on whatever the most pessimistic model runs predict for each of the three mixing zones (ZID, aquatic life mixing zone, and human health mixing zone).

If any additional modeling or other studies specifically applicable to this proposed discharge or discharge location should be or become available, TCEQ staff would welcome the opportunity to examine that additional information so it could be considered in the evaluation of this proposed discharge.

COMMENT 102:

Cathy Fulton asked if the CORMIX model accounted for the incoming and outgoing storm surges.

RESPONSE 102:

The CORMIX model is used to simulate a variety of potential discharge scenarios that represent a range of normal operating conditions, with the most restrictive of these results then factoring into the determination of appropriate permit provisions. Permit requirements apply regardless of weather or environmental conditions, but the CORMIX diffuser analysis does not explicitly incorporate or identify unique or extreme weather events in the development of its modeling parameters. However, significant storm surge events would be expected to represent an increase in channel flows and circulation, and a corresponding increase in both dilution and mixing potential beyond what is represented by the most restrictive of the CORMIX scenarios that were modeled.

COMMENT 103:

TPWD stated that the Executive Director's technical review of the POCC application should address the total salt content as compared with receiving waters.

RESPONSE 103:

Given the nature of this facility's discharge, the Executive Director acknowledges that relative salinity differences in the effluent compared to the receiving water body are an important factor in how the plume interacts with the receiving water body. Therefore, the diffuser CORMIX analysis uses the calculated densities (based on temperature and salinity) of the effluent and receiving water to analyze the mixing potential of the discharge. Given that temperature and salinity can vary with seasons, multiple CORMIX model cases were constructed to predict effluent concentrations at different seasonal conditions. As a conservative approach, the model cases resulting in the highest effluent concentrations (i.e., poorest mixing) are used to establish effluent limits in the permit, if needed.

Although salinity is an important factor used in the CORMIX analysis, Segment No. 2481 does not have water quality criteria established for TDS, chloride, or sulfate (e.g., salinity) in 30 TAC Chapter 307; therefore, no screening was performed for TDS, chloride, or sulfate in the effluent nor limits established in the draft permit. However, monitoring and reporting requirements for TDS, chloride, and sulfate have been included in the draft permit at Outfall 001 based on the presence of water treatment wastes in the proposed discharge.

The draft permit also includes Other Requirement No. 8, which requires the POCC to sample the effluent within 60 days after initial discharge and submit analytical data to the TCEQ within 90 days for screening and technical review so that, if necessary, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements for any discharged pollutant that could in any way contribute to contamination of the receiving water. Additionally, based on a review of the analytical data reported under the monitoring requirements contained in the draft permit, the permit may be amended during the subsequent permit action to include additional effluent limitations or monitoring requirements (e.g., long-term studies) for these constituents.

COMMENT 104:

TPWD stated that the Executive Director's technical review of the POCC application should address the source of the salts (in the case of mixed or commingled waste discharges). Similarly, Tammy King and James H. King stated the TCEQ should consider the source of the intake water.

RESPONSE 104:

Given the nature of this facility's operation, the Executive Director acknowledges that the chemistry of the source water may impact the chemistry of the effluent. Based on the application, the facility intake will consist of seawater pumped from an adjacent channel to Harbor Island, and the discharged effluent will consist of reject from the reverse osmosis membrane desalination process. However, on June 24, 2019 the POCC provided documentation that the proposed intake structure will be relocated offshore in the Gulf of Mexico instead of in the Corpus Christi Ship Channel. The POCC also noted that the salinity essentially the same at the former and revised intake locations and the change in the intake location is not expected to change the results of the analysis. Therefore, the salinity of the effluent is based on the values provided in the application. The effluent quality, which was supplied by the POCC, and the ambient water quality were incorporated into the diffuser CORMIX modeling analysis.

COMMENT 105:

TPWD stated that the Executive Director's technical review of the POCC application should address the ratio of the type of salts compared with those in the receiving waters.

RESPONSE 105:

The application states the facility intake will consist of seawater pumped from an adjacent channel to Harbor Island. However, on June 24, 2019 the POCC provided documentation that the proposed intake structure will be relocated offshore in the Gulf of Mexico instead of in the Corpus Christi Ship Channel. The applicant also noted that the salinity is nearly the same at the former and revised intake locations. The type of salts in the effluent and receiving water body are expected to be the same but in higher concentration in the effluent. The diffuser CORMIX analysis accounts for the difference in salinity concentration between the effluent and the receiving water body by modeling the densities of both the effluent and the ambient water.

COMMENT 106:

TPWD stated that the Executive Director's technical review of the POCC application should address whether there is adequate circulation to prevent the salt from building up over time to a point where it is toxic to the ecological community.

RESPONSE 106:

The Executive Director acknowledges that circulation in the ambient water body is an important factor that influences the mixing potential of a discharge with a receiving water body. To account for this phenomenon, the ambient water body is assessed to determine if stratification occurs naturally in the water body. Based on CORMIX guidance, if the density changes by more than 0.1 kilogram per cubic meter (kg/m3) from the water surface to the bottom of the water column, stratification should be considered in the model analysis. Based on the ambient density differences throughout the water column, the water body did not meet this criterion, and therefore it was determined that the water body does not exhibit stratification. Based on this analysis, there is reasonable justification that there is adequate circulation occurring in the water body that aids in natural mixing of the effluent with the bay.

COMMENT 107:

TPWD stated that the Executive Director's technical review of the POCC application should address the potential for depressed oxygen levels due to poorly

dispersed brine discharges at a particular location. Similarly, the persons in Attachment 16 expressed concern that the brine effluent could create an area of low dissolved oxygen.

RESPONSE 107:

The proposed discharge was evaluated for potential impacts to dissolved oxygen levels in the Corpus Christi Channel for protection of aquatic life. This type of discharge is not expected to contain significant levels of conventional oxygendemanding substances. High salinity levels can impact dissolved oxygen levels, since dissolved oxygen saturation concentrations decrease as salinity increases. Because of the combined effect of the channel's natural mixing mechanisms and the use of a 10port diffuser at the POCC outfall to further enhance mixing, the CORMIX diffuser analysis predicted very low effluent concentrations at the edge of the mixing zone. At these effluent concentrations, salinity levels at the edge of the mixing zone are not expected to be elevated to a degree that would potentially result in dissolved oxygen concentrations below the criterion corresponding to the Exceptional Aquatic Life Use designation applicable to this water body.

COMMENT 108:

TPWD also recommends the Executive Director's review of the discharge plume regulations and modeling approaches include using a mixing zone approach to regulate discharges.

RESPONSE 108:

Consistent with the TCEQ's Procedures to Implement the Texas Surface Water Quality Standards (2010 IPs), regulatory mixing zones were used to regulate the proposed discharge and were incorporated into the diffuser CORMIX analysis. Mixing zones define a limited volume of water at the outfall where initial dilution occurs and where certain numeric water quality criteria can be exceeded while still protecting the designated use of the waterbody as a whole. The dimensions of the mixing zones are based on the geometry of the receiving water body and the design of the outfall/diffuser. Because of the linear nature of the multi-port diffuser, rectangularshaped mixing zones were assigned. For the diffuser CORMIX analysis, the effluent concentration is evaluated where the effluent plume intersects the edge of the regulatory mixing zones. Additional care was given to ensure that the assigned regulatory mixing zones for this proposed discharge do not overlap with existing regulatory mixing zones for other permitted discharges.

COMMENT 109:

TPWD also recommends the Executive Director's review of the discharge plume regulations and modeling approaches include regulating toxicity and water quality objectives at the edge of a mixing zone boundary that is conservatively recommended to be 100 meters from the discharge and includes the entire water column.

RESPONSE 109:

Consistent with the TCEQ's Procedures to Implement the Texas Surface Water Quality Standards (2010 IPs), regulatory mixing zones were used to regulate the proposed discharge and were incorporated into the diffuser CORMIX analysis. For most wastewater discharges from single-pipe outfalls, mixing zones are typically expressed as a radius that extends in all directions from the point of discharge. However, given the linear nature of the proposed multi-port diffuser, the mixing zones are configured as rectangular areas centered on the diffuser barrel. Although the shape of each regulatory mixing zone is rectangular in nature, each mixing zone has an area equivalent to the standard radial mixing zones sizes (i.e., 50-foot, 200-foot, and 400foot radii) and extends throughout the water column. For the diffuser CORMIX analysis, the effluent concentration is evaluated where the effluent plume intersects the edge of the regulatory mixing zones. Acute and chronic toxic criteria are then evaluated at the edge of each mixing zone.

COMMENT 110:

TPWD recommended the Executive Director's review of the discharge plume regulations and modeling approaches include accounting for effluent density and flow rates on plume behavior; and applying conservative assumptions when evaluating dilution and overall flushing of the discharge site to ensure the dilution requirement at the edge of the mixing zone is still met.

RESPONSE 110:

The TCEQ has developed procedures (Mixing Analyses Using CORMIX) designed to be used with the CORMIX modeling system to help ensure that the predictions derived are conservative and consistent. In addition to the diffuser design specifications and effluent characteristics, TCEQ use of the model incorporates sitespecific ambient water data to predict the degree of mixing between the effluent and the receiving water body at specified distances from the outfall (i.e., mixing zone boundaries). The use of this detailed information results in a customized analysis specific to the outfall under consideration. Mixing is evaluated under both summer and winter conditions and with various combinations of effluent and ambient densities to capture the most critical scenario(s). Model cases resulting in the highest effluent concentrations (i.e., poorest mixing) are used to establish effluent limits for a TPDES permit, if needed.

COMMENT 111:

Cameron Pratt stated the estimated salinity of the discharge is erroneous. According to Mr. Pratt the discharge cannot be 30-40 ppt if the intake is 30 ppt.

RESPONSE 111:

It is the responsibility of the applicant to provide an accurate representation of its proposed effluent quality. Technical Report Worksheet 2.0 included data regarding expected effluent concentrations for total organic carbon, total suspended solids, nitrate nitrogen, total dissolved solids (TDS), sulfate, chloride, fluoride, temperature, pH, total barium, sulfite, total boron, total iron, and total magnesium.

The estimated salinity of the discharge (i.e., total dissolved salts) is based on the facility's treatment processes and permeate recovery of the reverse osmosis membranes in addition to the source water's composition. Based on information provided in the application, the TDS content of the source water is estimated to be 41,252 mg/L (41 ppt) [g/L is equal to parts per thousand (ppt), so 41,252 mg/L =

41.252 ppt]. The average TDS content of the effluent is estimated to be 66,000 mg/L (66 ppt), and the maximum TDS content of the effluent is estimated to be 77,460 mg/L (77 ppt).

Based on this estimated data, and knowledge of the proposed industrial activity (i.e., seawater desalination) and treatment processes, daily monitoring requirements were included in the draft permit for total dissolved solids, chloride, and sulfate.

Analysis of the effluent could not be conducted, nor could actual analytical data be submitted with the application, because the facility has not yet been constructed or begun discharging, and screening against water quality-based effluent limitations could consequently not be accomplished. Therefore, the draft permit includes Other Requirement No. 8, which requires the POCC to conduct four effluent sampling events that are at least a week apart within 60 days of initial discharge and submit analytical data to the TCEQ within 90 days. Based on a review of the analytical data reported for Other Requirement No. 8, the permit may be reopened and amended to include additional effluent limitations or monitoring requirements for any pollutant present that could in any way contribute to contamination of the receiving water, if needed.

J. NOTICE AND LEGAL CONCERNS

COMMENT 112:

PAC stated that the public notice was deficient. According to PAC, the landowner map in the application was not correct, thus a number of landowners did not receive notice of the application. According to PAC there are many landowners within 0.25 mile from the facility and points of discharge, even more within 0.5 mile that should have been provided mailed notice because of the collection and storage of sludge that will be a significant source of odors. PAC stated that mailed notice should have been provided to all landowners within a one-mile radius. Ms. Branscomb stated that the application is inaccurate, and more people would be affected, if POCC indicated that it was requesting authorization to discharge a brine mixed with chemicals.

RESPONSE 112:

The Executive Director relies on the information regarding adjacent landowners provided by applicants in their application. The TCEQ's rules require notice of TPDES applications be mailed to the landowners named on the application map. 30 TAC § 39.413(1). The instructions for completing the Industrial Administrative Report 1.1 require the map for a TPDES permit application requesting authorization to discharge into a bay clearly show the landowners along the shoreline for a 0.5 mile radius from the discharge point. The landowner map POCC submitted on June 29, 2018 includes 43 landowners within 0.5 mile radius from the discharge point.

TCEQ's rules governing notice of a TPDES permit do not require notice to persons near the collection or storage of sludge.

The application requests authorization to discharge effluent directly into waters of the state. The application does not request authorization to dispose of effluent via land application, sewage sludge via beneficial use land application, or a monofill, and the requirements regarding sludge located at 30 TAC Chapter 312 are not applicable. Therefore, the only information requested in items 1 and 2 above must be provided on the affected landowners map.

The landowners map submitted on March 7, 2018 with the application was incomplete because the applicant failed to identify all landowners to contiguous property owned by the applicant. A Notice of Deficiency letter was mailed to the applicant on April 6, 2018, requesting a revised landowners map which included all appropriate affected landowners. The applicant submitted revised landowner maps dated June 29, 2018, identifying all the required landowners.

COMMENT 113:

Cathy Fulton stated that public meeting was improperly scheduled in San Patricio County instead of Nueces County.

RESPONSE 113:

The TWC § 5.554 requires that public meetings be held in the county in which the proposed facility will be located. A public meeting was scheduled for February 28,

2019 at the Aransas Pass Civic Center, in Aransas Pass, Texas; the notice for this meeting was prepared, but it was not mailed or published. When the Office of Chief Clerk discovered the Aransas Pass Civic Center is not in Nueces County as required, the public meeting was rescheduled for April 8, 2019 at the Port Aransas Civic Center, in Nueces County. The notice of the public meeting in Port Aransas was published in the: *Port Aransas South Jetty* on March 7, 2019; *Corpus Christi Caller Times* on March 8, 2019; and in the *Aransas Pass Progress* on March 13, 2019.

COMMENT 114:

Portland Citizens United stated that notice was not proper. According to Portland Citizens United, the outfall is approximately 1,000 feet from the Aransas County line, and thus, the NAPD should be published in Aransas County and the application and supporting documentation should be available in a library in Aransas County.

RESPONSE 114:

The Executive Director has reviewed the notice documents and from the information provided, has determined that POCC complied with all applicable requirements for publication of the notices.

NORI. TCEQ's rules require that the applicant publish the Notice of Receipt of Application and Intent to Obtain Permit in the newspaper of largest circulation in the county in which the facility is located or proposed to be located or, if the facility is located or proposed to be located in a municipality, the applicant shall publish notice in any newspaper of general circulation in the municipality. 30 TAC § 39.405(f).

The Notice of Receipt and Intent to Obtain a Water Quality Permit (NORI) was published on July 25, 2018 in the *Aransas Pass Progress, Ingleside Index* and the *Corpus Christi Caller-Times.* The NORI was also published on July 26, 2018 in the *Port Aransas South Jetty.* According to the Publisher's Affidavit that was submitted, the *Port Aransas South Jetty* is a newspaper of largest circulation in Nueces County, and is a newspaper of general circulation in Port Aransas.

NAPD. TCEQ's rules require the applicant publish the Notice of Application and Preliminary Decision in a newspaper regularly published or circulated within each

county where the proposed facility or discharge is located and in each county affected by the discharge.

The Notice of Application and Preliminary Decision (NAPD) was published on November 21, 2018 in the *Aransas Pass Progress* and the *Ingleside Index*. The NAPD was also published on November 22, 2018 in the *Port Aransas South Jetty* and the *Corpus Christi Caller Times*. According to the Publisher's Affidavits that were submitted, the *Port Aransas South Jetty* is a newspaper regularly published or circulated in Nueces County, and the *Corpus Christi Caller-Times* is a daily newspaper generally circulated in Aransas, Bee, Brooks, Duval, Jim Wells, Kleberg, Live Oak, Nueces, Refugio and San Patricio Counties.

Public Meeting. TCEQ's rules require the notice of public meeting to be published in the newspaper of largest circulation in the county in which the facility is located or proposed to be located or, if the facility is located or proposed to be located in a municipality, the applicant shall publish notice in any newspaper of general circulation in the municipality.

The Amended Notice of Public Meeting was published on March 7, 2019 in the *Port Aransas South Jetty*; on March 8, 2019 in the *Corpus Christi Caller Times*; and on March 13, 2019 in the *Aransas Pass Progress*. A public meeting was held on April 8, 2019 at the Port Aransas Civic Center in Port Aransas, Texas. According to the Publisher's Affidavits: the *Port Aransas South Jetty* is regularly published in Nueces County and regularly published or generally circulated within Nueces County; the *Corpus Christi Caller Times* is regularly published in Nueces County and regularly published within Aransas, Bee, Brooks, Duval, Jim Wells, Kleberg, Live Oak, Nueces, Refugio and San Patricio Counties; and the *Aransas Pass Progress* is regularly published in San Patricio County, and is regularly published or generally circulated within San Patricio County.

Public Posting Location: TCEQ's rules require applicant make a copy of the application available for review and copying at a public place in the county in which the facility is located or proposed to be located. According to the information provided, the application is available in the La Retama Central Library (Corpus Christi); Sinton Public Library (Sinton); Ed & Hazel Richmond Public Library (Aransas Pass), and Port Aransas City Hall (Port Aransas).

COMMENT 115:

Lucia Dailey stated that the notice was incorrect because, according to the map, the discharge is going into the Corpus Christi ship channel, not Corpus Christi Bay.

RESPONSE 115:

The notice was correct. TCEQ's rules require notices for TPDES permits to include "a general description of the location of each existing or proposed discharge point and the name of the receiving water." 30 TAC §39.551(c)(4)(B). The proposed discharge will be to the Corpus Christi Ship Channel portion of Segment 2481 (Corpus Christi Bay).

COMMENT 116:

Lucia Dailey stated that the notice was incorrect because the Tier II review does not mention: Aransas Bay, Redfish Bay, Copano Bay, St. Charles Bay, Lydia Ann Channel, and Aransas Channel.

RESPONSE 116:

The Executive Director's Tier I and Tier II antidegradation review complied with all the applicable statutory and regulatory requirements. Aransas Bay, Redfish Bay, Copano Bay, St. Charles Bay, Lydia Ann Channel, and Aransas Channel were not mentioned in the Tier II antidegradation review because the proposed discharge is to the Corpus Christi Ship Channel portion of Segment 2481. Technical reviews determined that effects from the discharge would be minimal beyond the edge of the outfall's regulatory mixing zone. Aransas Bay, Redfish Bay, Copano Bay, St. Charles Bay, Lydia Ann Channel, and Aransas Channel are well beyond the area in which effects from the discharge are expected.

COMMENT 117:

Portland Citizens United stated that the draft permit must comply with federal law, specifically the: Endangered Species Act; Marine Mammal Protection Act; Rivers and Harbors Act and Clean Water Act §404; National Environmental Policy Act, ESA, and Essential Fish Habitat.

RESPONSE 117:

The draft permit complies will all applicable federal and state laws. The State of Texas assumed authority under federal mandate to administer the National Pollutant Discharge Elimination System (NPDES) program under Section 402 of the Clean Water Act in 1998. The NPDES is a federal regulatory program to control discharges of pollutants to surface waters of the United States. The TCEQ is responsible for the protection of water quality with federal regulatory authority over discharges of pollutants to Texas surface water. The POCC applied for authorization to discharge wastewater under the TPDES program. TPDES permits establish terms and conditions that are intended to provide water quality pollution control as directed by federal law, state law, and the Texas Administrative Code. As provided in the Procedures to Implement the State Surface Water Quality Standards, the Executive Director reviewed the POCC application for potential impacts to aquatic or aquatic-dependent federally listed endangered or threatened species.

Endangered Species Act (ESA):

The ESA is administered by the United States Fish and Wildlife Service (USFWS) and National Marine Fisheries Services (NMFS). For the TPDES application process, the USFWS provided TCEQ with a Biological Opinion (BO) (including subsequent USFWS update). The BO includes federally-listed threatened and endangered species, their critical habitat, and habitat of high priority. The BO is referenced during TPDES wastewater permit application reviews to determine which, if any, endangered or threatened species and their critical or high priority habitat may occur in proximity to an existing or proposed wastewater outfall and in turn, need to be routed for EPA review (and if necessary, USFWS review).

For this TPDES application review, according to the biological opinion, a watershed of high priority was identified in Segment 2481 in Nueces County for the piping plover, *Charadrius melodus* Ord; however, the facility is not a petroleum facility and its discharge is not expected to have an effect on the piping plover. Other endangered species that are known to occur in Nueces County are discussed in Response 82.

Marine Mammal Protection Act (MMPA):

All marine mammals are protected under the MMPA⁵, with shared jurisdiction by the USFWS and National Marine Fisheries Services, in which "take permits" would be applied for, reviewed, and issued. A TPDES permit does not qualify as a take permit; therefore, the MMPA is not applicable.

Rivers and Harbors Act and Clean Water Act §4046:

The 33 U.S.C. 403 includes "construction of bridges, ...dams or dikes...;" therefore, it is not applicable, as the facility's TPDES application or permit does not authorize construction activities covered under this law.

National Environmental Policy Act^z

The 42 U.S.C. §4321 et seq. (1969) is not applicable, as the facility's TPDES application or permit does not authorize activities covered under this law.

Essential Fish Habitat8:

The Essential Fish Habitat is administered by National Oceanic Atmospheric Administration Fisheries to maintain productive fisheries and rebuild depleted fish stocks in the United States. Consultation with National Oceanic Atmospheric Administration Fisheries is required for federal projects or an activity that will adversely affect an Essential Fish Habitat. The Essential Fish Habitat for the Gulf of Mexico⁹ is a composite resulting from seven fishery management plans and includes the entire Gulf coastline to various depths beyond State waters.

The TCEQ considers impact to fish species, and as such, the Standards Implementation review is conducted for each TPDES application. With respect to Essential Fish Habitat, the amount of effluent was determined to be 1.34 percent (%) at the edge of the mixing zone. This means that at the edge of the mixing zone, the

⁵ <u>https://www.fws.gov/international/laws-treaties-agreements/us-conservation-laws/marine-mammal-protection-act.html</u>

⁶ <u>https://www.epa.gov/cwa-404/section-10-rivers-and-harbors-appropriation-act-1899</u>

⁷ <u>https://www.epa.gov/laws-regulations/summary-national-environmental-policy-act</u>

⁸ https://www.fisheries.noaa.gov/national/habitat-conservation/essential-fish-habitat

http://archive.gulfcouncil.org/Beta//GMFMCWeb/downloads/FINAL3_EFH_Amendment.pdf#pa ge=21

receiving water will be composed of 98.66% ambient seawater. Therefore, given the size of the Corpus Christi Channel where the proposed discharge is located, the Standards Implementation Team determined that the impact to fish habitat should be minimal.

COMMENT 118:

Portland Citizens United stated that the EPA has designated the Corpus Christi Bay system as an estuary of national significance.

RESPONSE 118:

The Executive Director acknowledges the comment. Neither the TCEQ or EPA's rules prohibit discharges to estuaries of national significance.

COMMENT 119:

Sharm Markey asked for a follow-up meeting to hear more about environmental concerns.

RESPONSE 119:

The Executive Director appreciates your interest in environmental concerns but has decided to not hold another Public Meeting.

COMMENT 120:

Sharm Markey requested a meeting about the University of Texas Study and stated that a marine biologist with a PhD is necessary to assess impact.

RESPONSE 120:

The Executive Director acknowledges the comment.

COMMENT 121:

Reta Pearson asked how the new information provided at the public meeting, during the comment period, and by the ongoing studies will be incorporated.

RESPONSE 121:

The Executive Director considered the information provided at the public meeting and during the comment period. As a result of the public comment the Executive Director added the following provision to the draft permit: the permittee shall complete a study of ambient water velocity and submit a report to the TCEQ Water Quality Assessment Section (MC-150) summarizing measured ambient water velocity at the location of Outfall 001. The report must include results of measurements of speed and direction of the tidal current collected at the depth of the proposed/installed diffuser barrel. The measurements shall capture velocities encompassing a complete tidal cycle and be collected during a period in which maximum tidal amplitude typically occurs.

As a result of public concerns expressed about synergistic effects, the Executive Director suggested to the applicant that they consider voluntarily accepting biomonitoring in their permit. The applicant's consultant consented to this suggestion by telephone on June 26, 2019.

COMMENT 122:

Susan Walsh stated that the state has an obligation to use public land in the best way for the citizens of Texas.

RESPONSE 122:

The Executive Director acknowledges the comment. The TCEQ Executive Director reviewed this application for consistency with the Texas Coastal Management Program (CMP) goals and policies in accordance with the regulations of the General Land Office and has determined that the application is consistent with the applicable CMP goals and policies. The draft permit was developed to protect aquatic life and human health in accordance with the Texas Surface Water Quality Standards and was established to be protective of human health and the environment, provided that the Applicant operates and maintains the facility in accordance with TCEQ rules and the requirements of the draft permit.

K. OUTSIDE OF TCEQ'S JURISDICTION

COMMENT 123:

Charles Plunkett expressed concern over the POCC's actions and intentions. Scott Holt stated that the POCC chose Harbor Island because POCC already owns the property.

RESPONSE 123:

The Executive Director acknowledges the comment. The actions and intentions of any applicant is outside the scope of the Executive Director's review of a TPDES application.

COMMENT 124:

Pamela Burns asked why Port Aransas was not involved with this project from the beginning.

RESPONSE 124:

The TCEQ does not require coordination efforts between the Port of Corpus Christi and Port Aransas. Any questions regarding coordination should be addressed to either the POCC or Port Aransas.

COMMENT 125:

Israel Ledesma, Jr. asked what the benefits of the permit are and if they outweigh the losses.

H. Suzanna Reeder expressed concern over the dredging of the ship channel and the disposition of the dredged spoil. Ms. Reeder also noted that after the ship channel is dredged, Mustang and North Padre Islands will be at an ever greater risk from storm surges in hurricanes.

PAC stated, along with Aaron, Eckerling, Sharm Markey, Cameron Pratt, H. Suzanna Reeder, Richard Seibert, Shannon Solimine, Alan White, and Carolyn White, that the Executive Director should study and consider the impact of reduced property values on nearby property owners. PAC stated that the Executive Director did not properly evaluate the impact of the discharge on tourism and stated that the TCEQ should require POCC to present additional information about the actual impacts on the economic health of the affected community, including the level of tourism that will be lost due to the location of the facility. Similarly, the persons in Attachment 19 expressed concern over the negative impact of the discharge on tourism.

PAC stated that POCC should be required to prepare specific and detailed plans for dealing with hurricanes and other significant storm events.

Scott Holt stated that there would be cost savings and reductions in environmental impacts if the desalination plant were located with an electric generation station.

Portland Citizens United expressed concern over the amount of energy that will be needed to operate the facility.

Melissa Zamora stated that she is against the use of taxpayer money for this project.

Portland Citizens United stated that desalination is energy-intensive and may lead to climate change.

Portland Citizens United stated that desalination turns water into a commodity.

The persons in Attachment 20 expressed concern over the impact of the proposed discharge on aesthetics in the area.

The persons in Attachment 21 expressed concern over the general economic impact of the facility.

The persons in Attachment 22 expressed concern over the impact of the facility on the quality of life.

Syrus Borders suggested the brine could be used for underwater hydroelectric generation.

Myron Schroeder noted that desalination plants are expensive to operate.

Margaret Sheldon stated that the Executive Director should have considered the impact of the draw down by tankers and super tankers in the evaluation of the application.

Clint Hewitt stated that Corpus Christi is consistently under a boil water ban due to poor water, indicating a lack of concern for water quality. Similarly, Herb Lancaster stated that Corpus Christi has other options for dealing with its water issues.

RESPONSE 125:

The TCEQ's jurisdiction over the permitting process is established by the Texas Legislature and is limited to controlling the discharge of pollutants into and protecting the quality of water in the state. The Executive Director reviewed the POCC application and determined that the draft permit meets all applicable legal and technical requirements.

III. CHANGES MADE TO THE DRAFT PERMIT IN RESPONSE TO COMMENTS:

In response to Public Comments, the Executive Director has made the following changes to the draft permit:

- 1. During the term of the permit, the permittee shall complete a study of ambient water velocity and submit a report to the TCEQ Water Quality Assessment Section (MC-150) summarizing measured ambient water velocity at the location of Outfall 001. The report must include results of measurements of speed and direction of the tidal current collected at the depth of the proposed/installed diffuser barrel. The measurements shall capture velocities encompassing a complete tidal cycle and be collected during a period in which maximum tidal amplitude typically occurs.
- 2. POCC voluntarily agreed to accept biomonitoring requirements in the draft permit. The Executive Director is developing the permit language.

Respectfully submitted,

Texas Commission on Environmental Quality

Toby Baker, Executive Director

Robert Martinez, Director Environmental Law Division

Hugh Jathy

Kathy Humphreys, Staff Attorney Environmental Law Division State Bar No. 24006911 P.O. Box 13087, MC 173 Austin, Texas 78711-3087 Phone (512) 239-3417 Fax: (512) 239-0606

Bobby Salehi, Staff Attorney Environmental Law Division State Bar No. 24103912 P.O. Box 13087, MC 173 Austin, Texas 78711-3087 Phone: (512) 239-5930 Fax: (512) 239-0606

REPRESENTING THE EXECUTIVE DIRECTOR OF THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

AAbel, CynthiaAbell, James EdwardAbell, Mary AndersonAbelmann, FredAbelmann, NancyAbels, CherylAdams, DeGraafAdams, FranAdams, NanciAdams, NanciAdams, NanciAdams, NanciAdams, NanciAdams, NanciAdams, NanciAndars, NanciAdams, NanciAdams, NanciAnders, NanciAnundsen, KrisAnundsen, KrisAnderson, ConnerAppling, Dan B.Armold, CynthiaArnold, JohnArnold, Tommie SueArzola, PeteAschenbeck, Amy L.	Banister, Steven D. Barnett, Brenda Bartlett, Phillip Bartlett, Stacey S. Basche, Bob Basche, Carolyn Bassett, Delbert M. Bauch, Lisa M. Baudouin, Benjamin Beasley, Cissy Beaubien, Scott A. Behrens, E. William Belcher, Addie Bender, Jennifer Bentley, Karen K. Bettes, Gretchen Bevill, Cooper Bigham, Rob Billinger, David Thomas Billinger, Jeff Bird, Frances Black, Mary Blackwood, Julie Ann	Borders, Syrus M. Bost, Cliff Boswell, Zachary Bowers, Ann Boyd, Jim Doyle Branscomb, Margo Branscomb, Margo Branscomb, Rachael Brenner, Jennifer Brentlinger, Sharon Bridwell, Dillon Britton, James Brooking, Kit Brown, Frnest Brown, Ernest Brown, Gary K. Brown, Sharon Brown, Sharon Brownell, Christine Brownell, Christine Brownlee, Mitch Bruce, Dustin Brundrett, Vanessa Bryant, Dennis Buferd, Rick Burns, Pamela Burt, Michael Burt, Michael	
	Blackwood, Julie Ann	Burt, Michael Burton, Dennis Burton, Jeff Burton, Sandy Burton, Tracy	Clark, Warren Coeckelenbergh, J Coeckelenbergh, Y Cofer, Mary Elizal Cole, Chandler Collins, Lisa
Durci, Dicti	Diance, Dougiass	Bush, George P.	Colomba John D

Baker, Brett Baker, Chris Balcom, Patsy Balcom, Paul Balensiefen, Joe S.

Bonnot, Shane Balentine, Glenda Booth, Suzanne Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WO0005253000

Boazman, Ray Lee

Bonnot, Carlos S.

Boddie, Robert Allen

Byers, Robby

Bush, George P.

Bussey, Andrea

Bussey, Art B.

Bussa, Harry

Colunga

t A. ott Α. n in B. ne Patt Yves abeth Collins, Lisa Colombo, John D. Comstock, Mindy Lee Conrad, Michelle Corder, Rebecca Corey, W. Blake Corman, Aaron

Page 100

	Individual C	commenters	
Cornwell, Randy	Donovan John Power	Findley, Julie Kinney	Gaydos, Becky L.
Eugene	Dorrell, Tom	Flores, Ernesto M.	Geckler, Chris
Cortinas, Juanita S.	Dorrestijn, Heather	Flores, Lillian	Gerhart, Gary E.
Cotterell, Anthony	Dorrestijn, Robert	Flynn, Paul J.	Giap, Christine
Covault, Wayne	Dorsey, Craig	Folse, Joseph	Gilbert, Jackie
Craig, Tiffanie K.	Doss, Camille	Foster, Justin	Gillespie, Donald L.
Craig, William Shalor	Doss, David	Foster, Teresa	Gilmore, Jim
Cramer, Thomas M.	Dowden, Jupe D.	Franklin, Lisa Alice	Gleason, Tom
Crawford, Betty	Drake, Alyson	Franks, Jonathan	Godfrey, Austin D.
Crider, Carolee	Dreiss, Milby J.	Frannea, Martin	Goff, Kristin E.
Crissey, Melvin P.	Dubois, Scott	Frazier, Chuck	Goldberg, Moses
Crow, Bob	Dyer, Aldo	Friday, Phillip	Goldsbury, Robert B.
Crowe, Lisa	Dzurenda, Stephen M.	Friedman, Ann	Goodman, Katharine P.
Cunningham, David L.	_	Frisch, Mike A.	Gonzales, Refugio
Cunningham, Martha	E Echola Connia	Frisco, Marcia	Gonzales, Richard
D	Echols, Connie	Frishman, Ben	Gordon, Mel
Dahms-Nelson, Debra	Eckerling, Aaron	Frost, Kathy	Goss, Jerry
Dailey, Lucia D.	Eckstrom, Matt R.	Fuentes, Rudolph Joel	Graf, DeWayne
Dailey, Lucia	Edquist, Pete	Fugler, Richard C.	Graf, Rosemarie
Dailey, William	Eisele, Douglas A.	Fuller, David Z.	Gray, Ellen L.
Daniels, Christian	Elias, Marian A.	Fulton, Cathy	Gray, Richard J.
Daniels, Kathaleen S.	Elias, William R.	-	Green, Cindy
Daubert, Matt	Elliott, Steven M.	G	Green, Gail
Davis, Liz	Emery, Arthur	G., C.	Gregg, Patrick J.
Davis, Richard	English, Jennifer Cox	Gabel, Scott R.	Griffin, Leslie
DeGraaff, Judith	English, Terri Lee	Gallegos, Andrea	Groseclose, Tina
Del Moral, Raphael	Ennis, Will	Gallegos, Sal	Grosse, Mark
De La Pena, Dwayne	Eppright, Jordan	Gardner, Ann	Guajardo, Anna
Denncy, Cara	Esposito, Judy	Garrison, Peggy E.	Guerra, Rolando
Des Rosier, Joe	Estrada, Joe	Gasca, Pat	Gunckel, Forrest
Dillahunty, Raymond	F	Gaspard, Carrol	Gustafson, Kim S.
C.	Farley, Barney	Gaspard, Eric	Gutierrez, Hector
Dodson, Paul Edgar	Faulkner, Morgan	Gates, Tessa	
D'Olive, Eric	Ferris, Julie A.	Gauthier, Darlene	H
Donalson, Drew	Fiebrich, Greg R.	Gauthier, Jackie	Hain, Jeffrey A.
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Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

	muividual G	Lonnnenters	
Halioua, Linda	Hill, Connie	Jessee, Julia	Kulcik, Tom
Hallmark, Spencer	Hill, Greg	Jessee, Lawson	L
Graham	Hill, Michael D.	Johns, David	Lancaster, Herb
Hallum, Richard L.	Hodgdon, Lynne	Johnson, Everett	Landry, Kurt
Hamilton, Anna	Hoekstra, Leslie	Johnson, Gary	Langston, Lulu R.
Hamilton, Sue Ellen	Hoffman, Mark	Johnson, Jasmine	Lanning, Bobbie L.
Hammett, Jeff	Holland, Kevin M.	Johnson, Kim	Lara, Raymond Michael
Hamm, Matthew	Holt, Gloria Joan	Johnson, Rae A.	Larsen, Daniel P.
Hanna, Jay	Holt, Scott	Johnson, Seth Michael	Larsen, David
Hanna, Pat M.	Hood, Mariellen	Johnstone, Cliff	Larson, Deborah A.
Hardink-King, Pamela	Hopper, Andrea G.	Jones, Karen J.	Law, Jason
Harper, Judy	Horton, Nicole	Jones, Kenneth	Layden, James D.
Harris, Chester	Horvath, Stephanie	Jones, William J.	LeClair, James S.
Harris, Deborah	Howard, Fred H.	Julian, Robert	Ledesma, Israel
Harrison, Douglas	Howard, Steve	К	Lee, Sandra
Harshman, Cathy	Hughes, Benjamin	Kane, Payton G.	Leggett, Zachary
Hartley, Richard Alan	Hughes, Evan F.	Kato, Christopher	LeLeux, John D.
Hart, Debbie	Hutchens, David	Kennedy, Randi	Lembo, John
Hartman, Joyce Ann	Huynh, Tuan	Kennedy, Russell	Lesinski, Amanda
Hatch, Donald	I	Kenyon, Terry	Lewis, Carol S.
Hawkins, Lori	Imhoff, Bill	King, James Harrison	Libby, Glidden N.
Hays, John	Inlow, Michael	King, Tammy	Libby, Ruth A
Heimann, Mary Ann	Inscore, Gordon	Kirkman, Susan	Lindner, Dorothy
Hendry, Doug	Isbell, Jim	Kithas, Stephanie	Lindner, Heather
Hendry, Joyce	Israel, Eric	Kling, Patricia J.	Lindner, Patrick
Herbst, Shane	-	Knippa, Jake	Lindner, Richard
Herrin, Kelly	J	Koehn, Cyndi	Lindsey, Joy
Heskew, Wayne R.	Jacobson, Sandra	Kollaja, Mallory S.	Lipincott, Rob
Hess, Bridgett	Jackson, Sean	Kollman, Janet	Litton, Chance
Hesselbacher, Robin	Jamail, Ronald	Kosmas, Constance	Litton, Michael
Hester, Roger	James, Lucas Marshall	Krampitz, Anita E.	LoBue, Joe
Hewitt, Clint	James, Theresa	Krampitz, John B.	Loeffler, Cindy
Hewitt, Elizabeth	Jasek, Louis	Kravik, Deborah J.	Lohse, David
Hicks, Debbie	Jeffrey, James	Krueger, Jo Ellyn	Lopez, Analisa
Higdon, Paula	Jensen, Teresa	mucger, jo Liiyli	Lopez, munou

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Lopez, Robin	McIchany, Bryan	Murrill, James B.	Ortiz, Johnny Joe
Lorette, Michele	McIntosh, Margaret I.	Myers, Barbara	Ortiz, Mary Lou
Lorson, Don	McIver, Tal	Myers, Will Robert	Oswald, John
Lowerre, Richard W.	McKeen, Daniel	Myska, Glen Allen	Ottmers, Bryan
Lyerly, Diane	McKinney, John	Ν	Owens, Beth
М	McManus, Michael	Nagy, Diane E.	Owens, Elizabeth
Macdonald, Kimberly	McMillin, Robert Mechler, S. L.	Nangle, Dolores I.	Owens, Kelly Owens, Steve
Machac, Terry J.		Nava, Tony	Owens, steve
Maindelle, Robert C.	Medina, Honorato	Neagle, Joshua	Р
Manchester, James	Menchaca, John C.	Neihart, Kathy L.	Pacino, Al O.
Maner, John A.	Merritt, Julia	Neil, Matthew	Padgett, David L.
Marco, Sally	Merritt, Randall C.	Neimann, Dianne	Palmer, Sandy
Marcyes, Tonna	Messley, Charles	Nelson, Greg	Pancamo, Brett
Marion, J.	Miessner, Patricia J.	Nelson, Rick	Pancamo, Shannon
Marion, Rachel	Miller, Katherine	Neumann, Robert	Pantesa, Paul
Markey, Peter	Milner, Dana	Neumann, Catena	Parks, Karen
Markey, Sharm	Minor, Eric C.	Nichols, Donna M.	Parr, Denise
Marksman, Charlene	Monn, Jason	Niemann, Mary Dianne	Parr, Suzanne
Marksman, Edward	Mooney, Thomas W.	Nipper, Bob	Parrish, Maxey
Martin, Bill	Moore, Charles R.	Noelke, Ben	Pate, Marnie
Martin, Glenn	Moore, Krystal	Noska, Jason	Pate, Rick Door
Martin, William Grier	Moore, Milby	Novey, Kathryn	Pate, Teresa
Matson, Ronald	Moore, Ethel White	Novitt, John	Patton, Anna
Matsunami, Shelly	Mora, Susan M.	0	Patton, Robert
Matthews, Joseph	Morales, Paula G.	Oates, Norman C.	Payer, Dan H.
Matthews, Miles	Mordica, Teresa	O'Brien, Kaitlin	Payne, Richard
May, Craig	Morgan, Shelby	Ocker, Gail	Payton, Regina
McAlpin, Ronald L.	Morris, John	Ocker, Richard	Pearson, Charles L.
McCall, Patrick H.	Morrison, C. Lynlee	Ogle, Tesha	Pearson, Chuck
McClellan, Lisa	Moser, James	Oliver, John	Pearson, Reta
McCune, Scott Allen	Mott, Tina	Olle, Gary	Pecore, Dan
McDonough, Gary N.	Moyer, Christopher	Olmstead, Kevin	Pena, Daniel
McGinty, Chris H.	Moyer, Maria	Ordner, Michael	Perkins, Andrew
McHugh, Shirl	Muecke, Mark Walter Murff, Steven	Oroian, Colleen	Personette, Alan J.

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		Lonnnenters	
Peter, Louis	Reinhart, Paul	Schroeder, Myron	Smith, Carter
Pfluger, Christa Gaida	Rentz, Jerry	Schutte, Wendy	Smith, Jeffery H.
Phillips, Todd W.	Rhea, C.	Schwenk, Annette	Smith, Karen S.
Pittman, Jerry L.	Rich, Robert	Scott, Caroline	Smith, Kimberly J.
Ploetz, Scott	Riddle, Debbie	Scott, Deanna	Smith, Lou Ann
Plunkett, Charles	Riddle, Trinnon	Scott, Jeff	Smith, Richard
Plunkett, Julie A.	Richeson, Rhonda	Scoville, Doris	Smith, Russell R.
Porras, Becky	Rinner, Lisa	Searight, Sarah	Smith, Sandra Nelson
Porter, Marie	Ritter, Carole	Seaton, Robert	Sodamann, Paul E.
Posey, Matthew	Ritter, Douglas	Seger, Will M.	Sohl, Walter
Poston, Beth	Rivera, Jessica	Seibert, Richard	Solcher, Gerry
Poston, Elizabeth Anne	Roark, Adam	Seiler, Bobbie K.	Solimine, Shannon A.
Powers, Breck	Robertson, Jimmy	Sharpe, Gerald B.	Sommers, Dana
Powers, Shelley	Rockwood, Gaylyn	Shaw, Kimberly	Sorensen, Todd
Powers, Tiffiny	Rogers, Emily W.	Shearer, Kimberly	Sorto, Juan
Pratt, Cameron	Romeyn, Jacqueline	Sheets, Dana	St. Clair, Michael
Presley, Cole	Rosson, Todd	Sheldon, Margaret	St. Clair, Susan
Preston, Melissa	Ruff, Lisa	Shepherd, Mary	Stallings, Bill
Price, Callan	Ruff, Paul	Shepperd, John	Standard, Gary
Proulx, Keith W.	Ruggles, John Michael	Sherwood, J. Matthew	Mitchell
Proulx, Rosalie A.	Rutterford, Brie	Shields, Milton Allen	Stanush, Belinda Mosty
Pruett, Gary	S	Shifflett, Skip	Stedman, Culver
Q	Saba, Dave	Shockley, Jeff	Stegenga, Corinne Stephens, Myra
Quinones, Eduardo	Salg, Mary Ellen	Sible, Amanda G.	Stephenson, Lee Ann
R	Sanchez, Candido	Silvers, Donna	Stevens, Lisa
Radtke, Cindy L.	Sanders, Becky	Simanek, Michelle	Stevens, Lisa Steves, Sam
Randazzo, Joseph	Sandusky, Lorenza	Simek, Brenda	Stockton, Rick
Rangel, Louie	Sather, Dennis	Simpson, Susan	Storrie, Magen Nicole
Raper, Jimmy	Sather, Victoria	Sinclair, Linda	Strain, Cliff
Ray, Harper	Savage, Michael	Singleton, Buell	Stressman, Neil
Reader, Judith	Schmalz, Della J.	Siragusa, Charles R.	Strieber, William C.
Reeder, H. Suzanna	Schmalz, Guy	Slagle, Jimmy	Stroker, John Stewart
Reeves, Bill	Schou, Billie M.	Slagle, Juanita	Stroman, Martha V.
Reichardt, Henry G.	Schroeder, Cody W.	Slobojan, William	Strowd, Don
Keremarat, field y U.		Smith, Barney L.	Suona, Don

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Stunz, Greg	Tompkins, Denise	Vondra, Diana	Wilson, Robert S.
Sudderth, Sheila	Tosatto, Beth	Vondra, Glenn	Wilson, Sharon P.
Sutch, Robin	Traylor, Kristine	W	Wilson, William Andrew
Suttle, Richard Sweatman, Deborah T Talbot, Don Talbot, Marilyn A. Tamayo, Elvia Tanze, Scott Taylor, Monica Teague, Kenneth G. Teague, Marina Teague, Troy Tedesco, Renee Teller, Georgia Tenenbown, Michael D.	Treadway, Bryan Treme, Tabetha Trippet, Nancy Truitt, Roy L. Tuan, Yuny Turk, Cathy Turk, Cathy Turk, Merwin U Uhlik, Betty S. Uhlik, Daniel Underwood, Grason Upton, John	Wall, Vinaya Walling, Michael P. Walls, Rob Walpole, Kenny Walpole, Refugia Walsh, Susan Washko, William E. Wassermann, Susan Weber, Mary J. Welborn, Bruce L. Westbury, Autumn Wheatley, Lee A. White, Alan Berry White, Carolyn	 Andrew Wisham, Linda B. Wofford, Jade Wofford, William H. Womack, Jane Wong, Glenn Woods, Robert Wornat, Tracy Wysocki, Mark Y Yackee, Judy H. Yorek, Stacy Young, Herman Lee Z
Terrazas, Guadalupe	VanDeventer, Dan	White, James I.	Z Zadra, Anna E.
Terry, Joe Thayer, Ted Thomas, Cathy Thompson, John	VanDyke, William Vanecek, Cassie Vanecek, Jared Vasquez, Bertha	White, Marla J. Whitekiller, Tristan Wilde, Lee Anne Wildfang, Phil	Zadra, Jeffery D. Zajicek, Robert L. Zamora, Mary Zamora, Melissa
Thornburg, Vicki L. Tibbetts, Michael J.	Vasquez, Catherine Vaughan, Steven Lawrence	Williams, Barry Williams, Leslie	Zente, Alex Zufall, Cindy
Tillman-Ruiz, Teresa Tipps, Robert Tico, Carey	Vera, Leslie Faith Viera, Mitchell Voight, Jerry	Williams, Thomas D. Wilson, Ashley Wilson, Evolum Io	Zufall, John
Tise, Carey Toepperwein, Traci	Volght, Jerry Vera, Leslie Faith	Wilson, Evelyn Jo Wilson, Lauren	

Attachment # 2 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Commenting on behalf of Groups, Governmental Entitles & Organizations

Representative Kolkhorst, Lois W	State Senator District 18
Mayor Charles Bujan Gloria Holt Emily Rogers	City of Port Aransas
Margo Branscomb	Board of Directors and Residents of Mustang Island II HOA
James Klien	Clean Economy Coalition
Melissa Zamora	Coastal Alliance for Protection of our Environment
Neil McQueen	Coastal Bend Chapter of the Surfrider Foundation
Jaqueline Romeyn	Coastal Bend Guide Association
Shane Bonnot	Coastal Conservation Association of Texas
Ava Ortiz Alex Ortiz	Ecological Sciences Communication Initiative
John Donovan Jacob LaBorde	Port Aransas Conservancy
Errol Summerlin	Portland Citizens United
Hal Suter	Sierra Club
Kevan Drake	Texas Campaign for the Environment
Anne Rogers Harrison Cindy Loefflet	Texas Parks and Wildlife

Attachment # 3 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons that Provided Formal Oral Comment at the Public Meeting

Baker, Angela	Donovan, John	Martin, Bill	Searight, Sarah
Behrens, E. William	Drake, Kevan	McQueen, Neil	Smith, Kimberly J.
Bonnot, Shane		Moore, Ethel White	Sohl, Walter
Branscomb, Margo	Farley, Barney		Solimine, Shannon A.
Bryant, Dennis	Fulton, Cathy	Oates, Norman C.	Strain, Cliff
Bujan, Charles			Stunz, Greg
Burt, Michael	Grosse, Mark	Pearson, Reta	Summerlin, Errol
		Plunkett, Charles	Alvie
Corman, Aaron	Holt, Gloria Joan	Pratt, Cameron	Suter, Hal
Cantu, Noe T.	Holt, Scott	Proulx, Rosalie A.	
			Wilson, William Andrew
Dailey, Lucia	Klein, James, E.	Rich, Robert	Andrew
Denncy, Cara	Krueger, Jo Ellyn	Romeyn, Jacqueline	Zamora, Melissa
Des Rosier, Joe			Zamora, menoba

Groups, Governmental Entities & Organizations

Margo Branscomb	Board of Directors and Residents of Mustang Island II HOA
Mayor Charles Bujan	City of Port Aransas
Melissa Zamora	Coastal Alliance for Protection of our Environment
Shane Bonnot	Coastal Conservation Association of Texas
Jacqueline Romeyn	Coastal Bend Guide Association
Hal Suter	Coastal Bend Regional Group, the Lonestar Chapter
Neil McQueen	Coastal Bend Chapter of the Surfrider Foundation
James Klien	Clean Economy Coalition
John Donovan	Port Aransas Conservancy
Errol Summerlin	Portland Citizens United
Kevan Drake	Texas Campaign for the Environment
Hal Suter	Sierra Club

Attachment # 4 Port of Corpus Christi Authority of Nueces County, WQ0005253000 General Objections to the Draft Permit

Α	Bonnot, Carlos S.	Clark, Sarah	Edquist, Pete
Abel, Cynthia	Bonnot, Shane	Clark, Warren	Elliott, Steven M.
Abell, James Edward	Booth, Suzanne	Coeckelenbergh, Patt	Emery, Arthur
Abell, Mary Anderson	Bost, Cliff	Coeckelenbergh, Yves	English, Jennifer Cox
Adams, DeGraaf	Boswell, Zachary	Cofer, Mary Elizabeth	Ennis, Will
Adams, Fran	Boyd, Jim Doyle	Colombo, John D.	Eppright, Jordan
Adas, David Morris	Branscomb, Margo	Comstock, Mindy Lee	Esposito, Judy
Aguilar, Erik James	Branscomb, Rachael	Covault, Wayne	F
Almond, Will	Brenner, Jennifer	Craig, William Shalor	Farley, Barney
Amundsen, Kris	Bridwell, Dillon	Cramer, Thomas M.	Ferris, Julie A.
Amundsen, Lisa	Britton, James	Crissey, Melvin P.	Fiebrich, Greg R.
Appling, Dan B.	Brooking, Kit	Crow, Bob	Findley, Julie Kinney
Armstrong, Clay	Brown, Ernest	Crowe, Lisa	Flores, Ernesto M.
Arnold, John	Brown, Sharon	Cunningham, David L.	Flynn, Paul J.
Aschenbeck, Amy L.	Brownlee, Mitch	Cunningham, Martha	Folse, Joseph
	Brundrett, Vanessa	D	Frannea, Martin
B	Bryant, Dennis	Dahms-Nelson, Debra	Friday, Phillip
Baker, Angela	Burns, Pamela	Dailey, Lucia	Friedman, Ann
Baker, Brett	Burt, Michael	Dailey, William	Frisch, Mike A.
Baker, Chris	Burton, Dennis	Daubert, Matt	Frisco, Marcia
Balentine, Glenda	Burton, Sandy	Davis, Richard	Frishman, Ben
Banister, Steven D.	Bussey, Andrea	Denncy, Cara	Fuentes, Rudolph Joel
Barnett, Brenda	Colunga	Des Rosier, Joe	Fugler, Richard C.
Beasley, Cissy	С	Dillahunty, Raymond	Fulton, Cathy
Beaubien, Scott A.	C., Aron	C.	· · · ·
Behrens, E. William	Caldwell, Lela	D'Olive, Eric	G
Belcher, Addie	Cantu, Noe T.	Donalson, Drew	G., C.
Bender, Jennifer	Carey, Robert Scott	Donovan John Power	Gabel, Scott R.
Bettes, Gretchen	Carlson, Kat	Dorrell, Tom	Garrison, Peggy E.
Blackwood, Julie Ann	Carson, Jim	Drake, Alyson	Gaspard, Carrol
Blanchette, Roxanna	Chapman, Marylin B.	Dreiss, Milby J.	Gaspard, Eric
Bluestein, Edwin A.	Christensen, Irene	Dubois, Scott	Gauthier, Darlene
Bluntzer, Douglass	Cifers, Dan	Ε	Gauthier, Jackie
Boazman, Ray Lee	Clare, Mary		Geckler, Chris
Boddie, Robert Allen	Clark, Barry	Eckerling, Aaron	Gerhart, Gary E.
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Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Attachment # 4 Port of Corpus Christi Authority of Nueces County, WQ0005253000 General Objections to the Draft Permit

Giap, Christine Gillespie, Donald L. Gilmore, Jim Gleason, Tom Goff, Kristin E. Goldsbury, Robert B. Goodman, Katharine P. Graf, DeWayne Graf, Rosemarie Gray, Ellen L. Gray, Richard J. Green, Gail Griffin, Leslie Groseclose, Tina Guerra, Rolando Gunckel, Forrest

Η

Halioua, Linda Hallum, Richard L. Hamilton, Anna Hammett, Jeff Harper, Judy Harrison, Douglas Harshman, Cathy Hartley, Richard Alan Hays, John Herrin, Kelly Heskew, Wayne R. Hess, Bridgett Hewitt, Clint Hewitt, Elizabeth Higdon, Paula Hoekstra, Leslie Hoffman. Mark

Holt, Scott Hood, Mariellen Hopper, Andrea G. Horton, Nicole Horvath, Stephanie Howard, Fred H. Howard, Steve Hughes, Evan F. **I**

- Imhoff, Bill Inlow, Michael Isbell, Jim Israel, Eric

J Jacobson, Sandra Jackson, Sean James, Lucas Marshall James, Theresa Jasek, Louis Jeffrey, James Jensen, Teresa Jessee, Julia Jessee, Lawson Johns, David Johnson, Everett Johnson, Gary Johnson, Jasmine Johnson, Kim Johnson, Rae A Jones, Karen J. Jones, Kenneth Jones, William J. Κ

Kenyon, Terry

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000 King, James Harrison King, Tammy Knippa, Jake Kollaja, Mallory S. Kosmas, Constance Kravik, Deborah J. Krueger, Jo Ellyn L Lancaster, Herb Langston, Lulu R. Lara, Raymond Michael Larsen, David Law, Jason Layden, James D. LeClair, James S. Ledesma, Israel LeLeux, John D. Lesinski, Amanda Libby, Glidden N. Libby, Ruth A Lindsey, Joy Lipincott, Rob Litton, Michael Lohse, David Lorette, Michele Lyerly, Diane

Μ

Macdonald, Kimberly Manchester, James Maner, John A. Marco, Sally Markey, Sharm Martin, Glenn Martin, William Grier Matthews, Joseph McClellan, Lisa McCune. Scott Allen McHugh, Shirl McIver, Tal McKinney, John McManus, Michael McMillin, Robert Mechler, S. L. Medina, Honorato Menchaca, John C. Merritt, Julia Merritt, Randall C. Minor, Eric C. Moore, Charles R. Morris, John Myers, Will Robert

Matson, Ronald

Ν

Nangle, Dolores I. Neihart, Kathy L. Neimann, Dianne Nelson, Rick Nipper, Bob Noska, Jason

0

Ocker, Gail Ocker, Richard Oliver, John Olle, Gary Oroian, Colleen Oswald, John Owens, Beth Owens, Steve

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Attachment # 4 Port of Corpus Christi Authority of Nueces County, WQ0005253000 General Objections to the Draft Permit

		Channerd John	Cuddouth Choil-
P Dedaute Desidu	R Dedular Circles I	Shepperd, John	Sudderth, Sheila
Padgett, David L.	Radtke, Cindy L.	Sherwood, J. Matthew	Suttle, Richard
Pancamo, Brett	Raper, Jimmy	Shields, Milton Allen	Sweatman, Deborah
Pancamo, Shannon	Reader, Judith	Shifflett, Skip	Т
Patton, Anna	Reeder, H. Suzanna	Simek, Brenda	Talbot, Don
Patton, Robert	Reeves, Bill	Sinclair, Linda	Talbot, Marilyn A.
Payer, Dan H.	Reinhart, Paul	Singleton, Buell	Tanze, Scott
Payton, Regina	Rentz, Jerry	Siragusa, Charles R.	Teague, Kenneth G.
Pearson, Charles L.	Rich, Robert	Slagle, Jimmy	Teller, Georgia
Pearson, Chuck	Rinner, Lisa	Slagle, Juanita	Tenenbown, Michael D.
Pearson, Reta	Ritter, Carole	Slobojan, William	Thayer, Ted
Pecore, Dan	Ritter, Douglas	Smith, Jeffery H.	Thomas, Cathy
Pena, Daniel	Roark, Adam	Smith, Kimberly J.	Tillman-Ruiz, Teresa
Perkins, Andrew	Robertson, Jimmy	Smith, Richard	Tipps, Robert
Personette, Alan J.	Rockwood, Gaylyn	Smith, Russell R.	Tise, Carey
Peter, Louis	Ruff, Lisa	Smith, Sandra Nelson	Toepperwein, Traci
Pfluger, Christa Gaida	Ruff, Paul	Sodamann, Paul E.	Tompkins, Denise
Phillips, Todd W.	Rutterford, Brie	Sohl, Walter	Treadway, Bryan
Pittman, Jerry L.	S	Solimine, Shannon	Truitt, Roy L.
Ploetz, Scott	Saba, Dave	Sommers, Dana	U
Plunkett, Charles	Salg, Mary Ellen	Sorensen, Todd	
Plunkett, Julie A.	Sandusky, Lorenza	Stallings, Bill	Uhlik, Betty S.
Porter, Marie	Schmalz, Della J.	Standard, Gary Mitchell	Underwood, Grason
Poston, Beth	Schmalz, Guy		Upton, John
Poston, Elizabeth Anne	Schroeder, Cody W.	Stanush, Belinda Mosty	V
Powers, Breck	Schroeder, Myron	Stedman, Culver	VanDeventer, Dan
Powers, Shelley	Schutte, Wendy	Stephens, Myra	VanDyke, William
Pratt, Cameron	Scott, Caroline	Stephenson, Lee Ann	Vasquez, Bertha
Presley, Cole	Scott, Deanna	Steves, Sam	Vasquez, Catherine
Preston, Melissa	Scott, Jeff	Storrie, Magen Nicole	Voight, Jerry
Price, Callan	Searight, Sarah	Strain, Cliff	Vondra, Diana
Pruett, Gary	Seaton, Robert	Stroker, John Stewart	Vondra, Glenn
Q	Seibert, Richard	Stroman, Martha V.	W
Quinones, Eduardo	Sheldon, Margaret	Strowd, Don	Wall, Vinaya
- ,	,	Stunz, Greg	, , ,

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Attachment # 4 Port of Corpus Christi Authority of Nueces County, WQ0005253000 General Objections to the Draft Permit

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Groups, Governmental Entities & Organizations

- Board of Directors and Residents of Mustang Island II HOA
- City of Port Aransas
- Coastal Conservation Association of Texas
- Coastal Bend Chapter of the Surfrider Foundation
- Ecological Sciences Communication Initiative
- Texas Campaign for the Environment

Attachment # 5 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons that Support the Coastal Conservation Association's Comments

Anderson, Conner	Donovan John Power	Knippa, Jake	Stroker, John Stewart
Bonnot, Shane Bluestein, Edwin A.	Godfrey, Austin D. Goss, Jerry	Marcyes, Tonna Matthews, Miles	Viera, Mitchell
Bluntzer, Douglass		May, Craig	Walls, Rob
Brown, Gary K. Burton, Jeff	Hallmark, Spencer Graham Hartley, Richard Alan	Nipper, Bob	Wildfang, Phil Woods, Robert
Carey, Robert Scott	Heskew, Wayne R. Hewitt, Clint	Savage, Michael Singleton, Buell	

Attachment # 6 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons that are Concerned that the Discharge will Alter the Water Chemistry

		8	,
Abell, James Edward	Findley, Julie Kinney	Manchester, James	Sharpe, Gerald B.
Abell, Mary	Frishman, Ben	Markey, Sharm	Simpson, Susan
Armstrong, Clay	Fulton, Cathy	McCall, Patrick H.	Sinclair, Linda
Arzola, Pete		McHugh, Shirl	Smith, Jeffery H.
	Gilbert, Jackie	McIntosh, Margaret I.	Smith, Richard
Bartlett, Stacey S.	Green, Gail	Monn, Jason	Sommers, Dana
Bassett, Delbert M.	Griffin, Leslie	Myers, Will Robert	Sorto, Juan
Baudouin, Benjamin	Grosse, Mark		Stevens, Lisa
Behrens, E. William		Niemann, Mary Dianne	Stroker, John Stewart
Billinger, Jeff	Isbell, Jim		Stunz, Greg
Bird, Frances		Owens, Elizabeth	
Boazman, Ray Lee	Halioua, Linda	Owens, Kelly	Teague, Kenneth G.
Boswell, Zachary	Harshman, Cathy		Trippet, Nancy
Branscomb, Margo	Hatch, Donald	Pate, Rick Door	Truitt, Roy L.
	Hess, Bridgett	Pate, Teresa	
Carrillo, Teresa A.	Hesselbacher, Robin	Payer, Dan H.	Vaughan, Steven
Cifers, Dan	Holt, Gloria Joan	Pena, Daniel	Lawrence
Clark, Sarah		Peter, Louis	
Clark, Warren	Kennedy, Randi	Phillips, Todd W.	Walling, Michael P.
Coeckelenbergh, Patt	Kennedy, Russell	Pratt, Cameron	Wassermann, Susan
Coeckelenbergh, Yves	Kollaja, Mallory S.	Presley, Cole	Wofford, Jade
	Krueger, Jo Ellyn	Proulx, Rosalie A.	Wofford, William H.
Davis, Liz			Wong, Glenn
Del Moral, Raphael	Larsen, David	Radtke, Cindy L.	
	LeLeux, John D.	Reinhart, Paul	Zadra, Anna E
Farley, Barney		Ruggles, John Michael	

Groups, Governmental Entities & Organizations

City of Port Aransas Clean Economy Coalition Coastal Bend Guide Association Coastal Conservation Association of Texas Portland Citizens United.

Attachment # 7 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Negative Impact on Endangered Species

A Abelmann, Fred Abelmann, Nancy Ables, Cheryl Adams, Nanci Amundsen, Kris Amundsen, Lisa Arnold, Cynthia Arnold, Tommie Sue

B

Baker, Angela Baker, Brett Balcom, Patsy Balcom, Paul Barnett, Brenda Branscomb, Margo Bartlett, Stacey S. Basche, Bob Basche, Carolyn Bauch. Lisa M. Bentley, Karen K. Bevill, Cooper Billinger, David Thomas Black, Mary Blumick, Dianna L. Boddie, Robert Allen Bowers, Ann Brentlinger, Sharon Brownell, Christine Burton, Tracy Bussey, Art С

Campbell, Robert A.

Chaney, Gretchen Clare, Mary Cole, Chandler Collins, Lisa Conrad, Michelle Corey, W. Blake Cortinas, Juanita S. Craig, Tiffanie K. Crawford, Betty Crider, Carolee

Cantu, Caitlan

D

Dahms-Nelson, Debra Dailey, Lucia Daniels, Christian Daniels, Kathaleen S. DeGraaff, Judith De La Pena, Dwayne Dorrestijn, Heather Dorrestijn, Robert Doss, Camille Doss, David Dreiss, Milby J.

E

Echols, Connie Eisele, Douglas A. Elias, Marian A. Elias, William R. Esposito, Judy Estrada, Joe F Farley, Barney Flynn, Paul J. Foster, Justin Foster, Teresa Frazier, Chuck Friedman, Ann Fuller, David Z. Fulton, Cathy **G** Gallegos, Andrea Gallegos, Sal Gardner, Ann Garrison, Peggy E.

Gasca, Pat Gates, Tessa Gauthier, Darlene Goldberg, Moses Gonzales, Refugio Gonzales, Richard Gordon, Mel Grosse, Mark Guajardo, Anna

Н

Hain, Jeffrey A. Hamilton, Sue Ellen Hamm, Matthew Hardink-King, Pamela Harris, Chester Harris, Deborah Hart, Debbie Hartman, Joyce Ann Hendry, Doug Hendry, Joyce Hester, Roger Hicks, Debbie Hill, Connie Hill, Greg Hutchens, David Huynh, Tuan I Inscore, Gordon J

Hood, Mariellen

James, Theresa Johnson, Rae A Julian, Robert

K

Kirkman, Susan Kling, Patricia J. Kollman, Janet Krampitz, Anita E. Krampitz, John B. Kravik, Deborah J.

L

Lanning, Bobbie L. Larson, Deborah A. Lee, Sandra Lembo, John Lewis, Carol S. Lindner, Dorothy Lindner, Heather Lindner, Patrick Lindner, Richard Lopez, Analisa Lopez, Robin Lyerly, Diane

Μ

Marco, Sally Marion, J. Marion, Rachel

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Attachment # 7 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Negative Impact on Endangered Species

Attachment # 7 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Negative Impact on Endangered Species

Groups, Governmental Entities & Organizations

Ecological Sciences Communication Initiative Portland Citizens United

Attachment #8 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about Fisheries and Fishing

A Abell, James Edward Abelmann, Fred Abelmann, Nancy Ables, Cheryl Adams, DeGraaf Adams, Fran Adams, Nanci Amundsen, Kris Amundsen, Lisa Arnold, Cynthia Arnold, Tommie Sue Arzola, Pete

B

Baker, Angela Baker, Brett Balcom, Patsy Balcom, Paul Barnett, Brenda Bartlett, Phillip Bartlett, Stacey S. Basche, Bob Basche, Carolyn Bassett, Delbert M. Bauch, Lisa M. Bentley, Karen K. Bevill, Cooper Bird, Frances Black, Mary Blanchette, Ruby R. Blumick, Dianna L. Bluntzer, Douglass Boddie, Robert Allen Bowers, Ann

Branscomb, Margo Brentlinger, Sharon Brown, Ernest Brownell, Christine Bryant, Dennis Burton, Tracy Bussey, Art

С

Campbell, Robert A. Cantu, Caitlan Carey, Robert Scott Chaney, Gretchen Christensen, Irene Clare, Elizabeth Clare, Mary Clark, Barry Clark, Sarah Cole, Chandler Collins, Lisa Conrad, Michelle Corder, Rebecca Corey, W. Blake Cortinas, Juanita S. Craig, Tiffanie K. Crawford, Betty Crider, Carolee Crowe, Lisa Cunningham, David L. Cunningham, Martha

D

Dahms-Nelson, Debra Dailey, Lucia Daniels, Christian Daniels, Kathaleen S. Davis, Liz DeGraaff, Judith De La Pena, Dwayne Del Moral, Raphael Donovan John Power Dorrestijn, Heather Dorrestijn, Robert Doss, Camille Doss, David Drake, Alyson Dreiss, Milby J. Dver, Aldo

E

Echols, Connie Eckerling, Aaron Eisele, Douglas A. Elias, Marian A. Elias, William R. Emery, Arthur English, Jennifer Cox Esposito, Judy Estrada, Joe

F

Farley, Barney Faulkner, Morgan Findley, Julie Kinney Flynn, Paul J. Foster, Justin Foster, Teresa Frannea, Martin Frazier, Chuck Friedman, Ann Frisch, Mike A. Fuller, David Z. Gallegos, Andrea Gallegos, Sal Gardner, Ann Garrison, Peggy E. Gasca, Pat Gates, Tessa Gauthier, Jackie Gillespie, Donald L. Goldberg, Moses Gonzales, Refugio Gonzales, Richard Gordon, Mel Gray, Ellen L. Griffin, Leslie Groseclose, Tina Grosse, Mark Guajardo, Anna

Fulton, Cathy

G

Η

Hain, Jeffrey A. Halioua, Linda Hamilton, Sue Ellen Hamm, Matthew Hardink-King, Pamela Harris, Chester Harris, Deborah Harrison, Douglas Harshman, Cathy Hart, Debbie Hartman, Joyce Ann Hatch, Donald Hendry, Doug Hendry, Joyce

Page 117

Attachment #8 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about Fisheries and Fishing

		C C	
Hesselbacher, Robin	L	Miessner, Patricia J.	Owens, Kelly
Hester, Roger	Lanning, Bobbie L.	Miller, Katherine	Р
Hicks, Debbie	Larson, Deborah A.	Milner, Dana	Pacino, Al O.
Hill, Connie	Ledesma, Israel	Mooney, Thomas W.	Palmer, Sandy
Hill, Greg	Lee, Sandra	Moore, Milby	Pantesa, Paul
Hood, Mariellen	LeLeux, John D.	Mora, Susan M.	Parks, Karen
Horvath, Stephanie	Lembo, John	Morales, Paula G.	Parr, Denise
Hughes, Evan F.	Lesinski, Amanda	Morris, John	Parr, Suzanne
Hutchens, David	Lewis, Carol S.	Mott, Tina	Pate, Marnie
Huynh, Tuan	Lindner, Dorothy	Moyer, Christopher	Pate, Rick Door
Ι	Lindner, Heather	Moyer, Maria	Pate, Teresa
Inscore, Gordon	Lindner, Patrick	Myers, Barbara	Pearson, Reta
	Lindner, Richard	Myers, Will Robert	Porras, Becky
J	Lopez, Analisa	Ν	Poston, Elizabeth Anne
James, Theresa	Lopez, Robin	Nagy, Diane E.	Powers, Breck
Jasek, Louis	Lyerly, Diane	Nangle, Dolores I.	Powers, Tiffiny
Johnson, Jasmine	Μ	Neagle, Joshua	Price, Callan
Johnson, Rae A	Machac, Terry J.	Neimann, Dianne	Proulx, Keith W.
Jones, Kenneth Julian, Robert	Marco, Sally	Neimann, Mary Dianne	Proulx, Rosalie A.
Juliali, Kobert	Marion, J.	Nelson, Greg	R
K	Marion, Rachel	Neumann, Robert	R Radtke, Cindy L.
Kane, Payton G.	Markey, Peter	Neumann, Catena	Randazzo, Joseph
Kennedy, Randi	Marksman, Charlene	Nichols, Donna M.	Ray, Harper
Kennedy, Russell	Marksman, Edward	Noelke, Ben	Reader, Judith
King, James Harrison	Matsunami, Shelly	Novitt, John	Reeder, H. Suzanna
Kirkman, Susan	Matthews, Joseph	0	Reichardt, Henry G.
Kithas, Stephanie	McCall, Patrick H.	Ocker, Gail	Rhea, C.
Kling, Patricia J.	McDonough, Gary N.	Ocker, Richard	Riddle, Debbie
Kollman, Janet	McIchany, Bryan	Ogle, Tesha	Riddle, Trinnon
Krampitz, Anita E.	McIntosh, Margaret I.	Olmstead, Kevin	Richeson, Rhonda
Krampitz, John B.	McKeen, Daniel	Oroian, Colleen	Rinner, Lisa
Kravik, Deborah J.	McKinney, John	Ortiz, Johnny Joe	Ritter, Carole
Krueger, Jo Ellyn	Menchaca, John C.	Ortiz, Mary Lou	Rivera, Jessica
	Masslay Charles	oraz, mary Lou	in in jessien

Owens, Elizabeth

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Messley, Charles

Page 118

Romeyn, Jacqueline

Attachment #8 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about Fisheries and Fishing

		9	
Ruggles, John Michael	Slobojan, William	Tibbetts, Michael J.	Washko, William E.
S	Smith, Barney L.	Tillman-Ruiz, Teresa	Wassermann, Susan
Salg, Mary Ellen	Smith, Karen S.	Tipps, Robert	Weber, Mary J.
Sanchez, Candido	Smith, Lou Ann	Toepperwein, Traci	Wheatley, Lee A.White,
Sather, Dennis	St. Clair, Michael	Tompkins, Denise	Alan Berry
Sather, Victoria	St. Clair, Susan	Treme, Tabetha	White, Carolyn
Schmalz, Della J.	Stanush, Belinda Mosty	Trippet, Nancy	White, James I. White, Marla I
Schmalz, Guy	Stegenga, Corinne	Truitt, Roy L.	White, Marla J. Wilson, Ashley
Schroeder, Cody W.	Stephens, Myra	Tuan, Yuny	Wilson, Lauren
Schroeder, Myron	Stevens, Lisa	Turk, Cathy	Wilson, Robert S.
Schutte, Wendy	Stockton, Rick	Turk, Merwin	Wisham, Linda B.
Schwenk, Annette	Storrie, Magen Nicole	U	Wofford, Jade
Scott, Caroline	Stressman, Neil	Uhlik, Betty S.	Wofford, William H.
Seibert, Richard	Stroman, Martha V.	Uhlik, Daniel	Wornat, Tracy
Seiler, Bobbie K.	Stunz, Greg	Underwood, Grason	Wysocki, Mark
Sharpe, Gerald B.	Sudderth, Sheila	V	
Shaw, Kimberly	Sutch, Robin	Vanecek, Cassie	Y
Shearer, Kimberly	Sweatman, Deborah	Vanecek, Jared	Yorek, Stacy
Sheets, Dana		Vasquez, Catherine	Ζ
Sheldon, Margaret	Т	Vera, Leslie Faith	Zadra, Anna E.
Shepherd, Mary	Tamayo, Elvia	Vondra, Diana	Zadra, Jeffery D.
Sherwood, J. Matthew	Taylor, Monica	Vondra, Glenn	Zamora, Mary
Shifflett, Skip	Teague, Marina		Zufall, Cindy
Sible, Amanda G.	Teague, Troy	W	Zufall, John
Simanek, Michelle	Tedesco, Renee	Walling, Michael P.	
Simpson, Susan	Thompson, John	Walpole, Kenny Walpole, Befugia	
Sinclair, Linda	Thornburg, Vicki L.	Walpole, Refugia	

Groups, Governmental Entities & Organizations

Board of Directors and Residents of Mustang Island II HOA

City of Port Aransas

Coastal Bend Guide Association

Coastal Conservation Association of Texas Portland Citizens United Texas Parks and Wildlife

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Attachment # 9 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about Disrupting the Migration of Larval Marine Organisms

A

Abelmann, Fred Abelmann, Nancy Ables, Cheryl Amundsen, Kris Amundsen, Lisa Arnold, Cynthia Arnold, Tommie Sue Arzola, Pete

B

Baker, Angela Baker, Brett Balcom, Patsy Balcom, Paul Barnett, Brenda Bartlett, Stacey S. Basche, Bob Basche, Carolyn Bauch, Lisa M. Behrens, E. William Bentley, Karen K. Bevill, Cooper Bird, Frances Black, Mary Blumick, Dianna L. Boddie, Robert Allen Bowers, Ann Branscomb, Margo Brentlinger, Sharon Brownell, Christine Bryant, Dennis Burton, Tracy Bussa, Harry Bussey, Art

Campbell, Robert A. Cantu, Caitlan Chaney, Gretchen Cole, Chandler Collins, Lisa Conrad, Michelle Corey, W. Blake Cortinas, Juanita S. Craig, Tiffanie K. Crawford, Betty Crider, Carolee

D

С

Dahms-Nelson, Debra Dailey, Lucia Daniels, Christian Daniels, Kathaleen S. Davis, Liz DeGraaff, Judith De La Pena, Dwayne Dorrestijn, Heather Dorrestijn, Robert Doss, Camille Doss, David Dreiss, Milby J.

Е

Echols, Connie Eisele, Douglas A. Elias, Marian A. Elias, William R. Esposito, Judy Estrada, Joe F Farley, Barney Flynn, Paul J. Foster, Justin Foster, Teresa Frazier, Chuck Fuller, David Z. Fulton, Cathy

G

Gallegos, Andrea Gallegos, Sal Gardner, Ann Garrison, Peggy E. Gasca, Pat Gates, Tessa Goldberg, Moses Gonzales, Refugio Gonzales, Richard Gordon, Mel Griffin, Leslie Grosse, Mark Guajardo, Anna

Н

Hain, Jeffrey A. Halioua, Linda Hamilton, Sue Ellen Hamm, Matthew Hardink-King, Pamela Harris, Chester Harris, Deborah Hart, Debbie Hartman, Joyce Ann Hatch, Donald Hendry, Doug Hendry, Joyce Hesselbacher, Robin Hester, Roger Hicks, Debbie Hill, Connie Hill, Greg Holt, Gloria Joan Hood, Mariellen Hutchens, David Huynh, Tuan

Inscore, Gordon

J James, Theresa Johnson, Rae A Julian, Robert

K

Kennedy, Randi Kennedy, Russell King, James Harrison King, Tammy Kirkman, Susan Kling, Patricia J. Kollman, Janet Krampitz, Anita E. Krampitz, John B. Kravik, Deborah J.

L

Lanning, Bobbie L. Larsen, Daniel P. Larson, Deborah A. Lee, Sandra Lembo, John

Page 120

Attachment # 9 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about Disrupting the Migration of Larval Marine Organisms

Lewis, Carol S. Lindner, Dorothy Lindner, Heather Lindner, Patrick Lindner, Richard Lopez, Analisa Lopez, Robin Lyerly, Diane

Μ

Marion, J. Marion, Rachel Marksman, Charlene Marksman, Edward Matsunami, Shelly McCall, Patrick H. McDonough, Gary N. McHugh, Shirl McIchany, Bryan McKeen, Daniel McKinney, John Messley, Charles Miessner, Patricia J. Miller, Katherine Milner, Dana Mooney, Thomas W. Moore, Milby Mora, Susan M. Morales, Paula G. Mott, Tina Moyer, Christopher Moyer, Maria Myers, Barbara Myers, Will Robert

Nagy, Diane E. Nangle, Dolores I. Neagle, Joshua Nelson, Greg Neumann, Robert Neumann, Catena Nichols, Donna M. Niemann, Mary Dianne Noelke, Ben Noska, Jason Novitt, John

0

Ν

Oates, Norman Ocker, Gail Ocker, Richard Ogle, Tesha Olmstead, Kevin Ortiz, Johnny Joe Ortiz, Mary Lou Owens, Elizabeth Owens, Kelly

Р

Pacino, Al O. Palmer, Sandy Pantesa, Paul Parks, Karen Parr, Denise Parr, Suzanne Pare, Marnie Pate, Rick Door Pate, Teresa Pearson, Reta Porras, Becky Powers, Tiffiny Pratt, Cameron Price, Callan Proulx, Keith W. Proulx, Rosalie A.

Porter, Marie

R

Randazzo, Joseph Raper, Jimmy Ray, Harper Reader, Judith Rhea, C. Riddle, Debbie Riddle, Trinnon Richeson, Rhonda Ritter, Carole Rivera, Jessica Romeyn, Jacqueline

S

Sanchez, Candido Sather, Dennis Sather, Victoria Schmalz, Della J. Schmalz, Guy Schutte, Wendy Schwenk, Annette Seiler, Bobbie K. Sharpe, Gerald B. Shaw, Kimberly Shearer, Kimberly Sheates, Dana Shepherd, Mary Sible, Amanda G. Simpson, Susan Smith, Barney L. Smith, Karen S. Smith, Lou Ann Sodamann, Paul E. St. Clair, Michael St. Clair, Susan Stegenga, Corinne Stevens, Lisa Stockton, Rick Stressman, Neil Stroman, Martha V. Stunz, Greg Т Tamayo, Elvia Taylor, Monica Teague, Marina Teague, Troy Thompson, John Thornburg, Vicki L. Tibbetts, Michael J. Tillman-Ruiz, Teresa Treme, Tabetha Trippet, Nancy Tuan, Yuny Turk, Cathy Turk, Merwin U

Uhlik, Betty S. Uhlik, Daniel

Attachment # 9 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about Disrupting the Migration of Larval Marine Organisms

V	W	Y
VanDyke, William	Walpole, Kenny	Yorek, Stacy
Vanecek, Cassie	Walpole, Refugia	7.
Vanecek, Jared	Washko, William E.	– Zadra, Anna E.
Vondra, Diana	Wassermann, Susan	Zadra, Jeffery D.
Vondra, Glenn	Weber, Mary J.	Zamora, Mary
	Welborn, Bruce L.	Zufall, Cindy
	Wheatley, Lee A.	Zufall, John
	White, James I.	
	White, Marla J.	
	Wisham, Linda B.	
	Wofford, William H.	
	Wysocki, Mark	

Groups, Governmental Entities & Organizations

City of Port Aransas Coastal Conservation Association of Texas Texas Parks and Wildlife

Attachment # 10 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Suggesting Additional Studies

Mayor Bujan, Charles	Denncy, Cara	Oates, Norman	Rich, Robert
Bryant, Dennis Burns, Pamela Bugggy, Art	Lesinski, Amanda	Pearson, Reta Pratt, Cameron	Solimine, Shannon Strain, Cliff Stung, Grog
Bussey, Art	Sharm Markey		Stunz, Greg

Groups, Governmental Entities & Organizations

Clean Economy Coalition Coastal Conservation Association of Texas Sierra Club

Attachment #11 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Potential Negative Impact to Health

Bartlett, Phillip	Faulkner, Morgan	Jones, Kenneth	Traylor, Kristine
Bartlett, Stacey S.	Flores, Lillian		
Blanchette, Roxanna		Shockley, Jeff	
Bridwell, Dillon	Green, Cindy		

Attachment # 12 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Risk to Winter Spawning of Sheepshead

	English, Terri Lee	Landry, Kurt	*
Abell, Mary Anderson	English, Terri Lee		Rangel, Louie
Altman, Mike		Leggett, Zachary	Rosson, Todd
Anderson, Conner	Gaydos, Becky L.	Litton, Chance	
Arzola, Pete	Godfrey, Austin D.	LoBue, Joe	Sanders, Becky
	Goss, Jerry	Lorson, Don	Savage, Michael
Beaubien, Scott A.	Griffin, Leslie		Schou, Billie M.
Behrens, E. William		Maindelle, Robert C.	Sharpe, Gerald B.
Bird, Frances	Halioua, Linda	Marcyes, Tonna	Simpson, Susan
Brown, Gary K.	Hatch, Donald	McCall, Patrick H.	Stevens, Lisa
Bryant, Dennis	Hawkins, Lori	McGinty, Chris H.	Sutch, Robin
Buferd, Rick	Herbst, Shane		
Burton, Jeff	Hesselbacher, Robin	Neil, Matthew	Terrazas, Guadalupe
	Hill, Michael D.	Niemann, Mary Dianne	Terry, Joe
Chapman, Tim	Hughes, Benjamin		Trippet, Nancy
Cherry, Bruce E.		O'Brien, Kaitlin	
Cornwell, Randy	Johnson, Seth Michael		Viera, Mitchell
Eugene		Parrish, Maxey	
Cotterell, Anthony	Kennedy, Randi	Pate, Rick Door	Walls, Rob
	Kennedy, Russell	Pate, Teresa	Wassermann, Susan
Davis, Liz		Payne, Richard	Wilde, Lee Anne
Dodson, Paul Edgar		Posey, Matthew	Wildfang, Phil
Dorsey, Craig		roocy, matthem	Wofford, William H
			wonora, winnani 11

Groups, Governmental Entities & Organizations

Texas Park and Wildlife

Attachment # 13

Larvae				
Arzola, Pete	Franklin, Lisa Alice	Larsen, Daniel P.	Shockley, Jeff	
	Friday, Phillip	Ledesma, Israel	Simpson, Susan	
Behrens, E. William	Fulton, Cathy		Sodamann, Paul E.	
Billinger, David		McCall, Patrick H.	Stevens, Lisa	
Thomas	Green, Cindy	McIntosh, Margaret I.	Stroker, John Stewart	
Bird, Frances	Griffin, Leslie	Myers, Will Robert	Stunz, Greg	
Branscomb, Margo			Sutch, Robin	
Brown, Tosh	Halioua, Linda	Niemann, Mary Dianne		
Bryant, Dennis	Hatch, Donald		Tedesco, Renee	
Burton, Sandy Bussa, Harry	Hesselbacher, Robin	Pate, Rick Door	Tompkins, Denise	
	Holt, Gloria Joan	Pate, Teresa	Traylor, Kristine	
	Holt, Scott	Pecore, Dan	Trippet, Nancy	
C., Aron		Porter, Marie	Truitt, Roy L.	
Carey, Robert Scott	Jasek, Louis	Pratt, Cameron		
Clare, Elizabeth	Johnson, Gary		VanDyke, William	
Crissey, Melvin P.		Reeder, H. Suzanna	Vondra, Glenn	
	Kennedy, Randi	Ritter, Carole		
Davis, Liz	Kennedy, Russell	Ritter, Douglas	Wassermann, Susan	
Donovan John Power	King, James Harrison		Wofford, William H.	
	Kithas, Stephanie	Sharpe, Gerald B.		
Farley, Barney Flores, Lillian	Krueger, Jo Ellyn	Sherwood, J. Matthew	Zadra, Anna E	

Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned About the Negative Impact of the Discharge on Aquatic Life, Eggs and Larvae

Groups, Governmental Entities & Organizations

City of Port Aransas Coastal Conservation Association of Texas Ecological Sciences Communication Initiative

G

A
Abelmann, Fred
Abelmann, Nancy
Adams, Nanci
Ables, Cheryl
Amundsen, Kris
Amundsen, Lisa
Arnold, Cynthia
Arnold, Tommie Sue

B

Baker, Angela Baker, Brett Balcom, Patsy Balcom, Paul Barnett, Brenda Bartlett, Stacey S. Basche, Bob Basche, Carolyn Bauch, Lisa M. Bentley, Karen K. Bevill, Cooper Black, Mary Blumick, Dianna L. Boddie, Robert Allen Bowers, Ann Brentlinger, Sharon Brownell, Christine Burton, Tracy Bussey, Art

С

Campbell, Robert A. Cantu, Caitlan Chaney, Gretchen Cole, Chandler Collins, Lisa Conrad, Michelle Corey, W. Blake Cortinas, Juanita S. Craig, Tiffanie K. Crawford, Betty Crider, Carolee

D

Dahms-Nelson, Debra Dailey, Lucia Daniels, Christian Daniels, Kathaleen S. DeGraaff, Judith De La Pena, Dwayne Dorrestijn, Heather Dorrestijn, Robert Doss, Camille Doss, David Dreiss, Milby J.

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Echols, Connie Eisele, Douglas A. Elias, Marian A. Elias, William R. Esposito, Judy Estrada, Joe

F

Farley, Barney Flynn, Paul J. Foster, Justin Foster, Teresa Frazier, Chuck Fuller, David Z. Gallegos, Andrea Gallegos, Sal Gardner, Ann Garrison, Peggy E. Gasca, Pat Gates, Tessa Goldberg, Moses Gonzales, Refugio Gonzales, Richard Gordon, Mel Grosse, Mark Guajardo, Anna

Η

Hain, Jeffrey A. Hamilton, Sue Ellen Hamm, Matthew Hardink-King, Pamela Harris, Chester Harris, Deborah Hart, Debbie Hartman, Joyce Ann Hendry, Doug Hendry, Joyce Hester, Roger Hicks, Debbie Hill, Connie Hill, Greg Hood, Mariellen Hutchens, David Huynh, Tuan

Ι

Inscore, Gordon

James, Theresa Johnson, Rae A Julian, Robert

K

J

Kirkman, Susan Kling, Patricia J. Kollman, Janet Krampitz, Anita E. Krampitz, John B. Kravik, Deborah J.

L

Lanning, Bobbie L. Larson, Deborah A. Lee, Sandra Lembo, John Lewis, Carol S. Lindner, Dorothy Lindner, Heather Lindner, Patrick Lindner, Richard Lopez, Analisa Lopez, Robin Lyerly, Diane

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Miessner, Patricia J.	Pacino, Al O.	Schwenk, Annette	Uhlik, Betty S.
Miller, Katherine	Palmer, Sandy	Seiler, Bobbie K.	Uhlik, Daniel
Milner, Dana	Pantesa, Paul	Shaw, Kimberly	V
Mooney, Thomas W.	Parks, Karen	Shearer, Kimberly	, Vanecek, Cassie
Moore, Milby	Parr, Denise	Sheets, Dana	Vanecek, Jared
Mora, Susan M.	Parr, Suzanne	Shepherd, Mary	Vondra, Diana
Morales, Paula G.	Pate, Marnie	Sible, Amanda G.	Vondra, Glenn
Mott, Tina	Porras, Becky	Simanek, Michelle	
Moyer, Christopher	Powers, Tiffiny	Smith, Barney L.	W
Moyer, Maria	Price, Callan	Smith, Karen S.	Walpole, Kenny
Myers, Barbara	Proulx, Keith W.	Smith, Lou Ann	Walpole, Refugia
Ν	Proulx, Rosalie A.	St. Clair, Michael	Washko, William E.
Nagy, Diane E.	R	St. Clair, Susan	Weber, Mary J.
Nangle, Dolores I.	Randazzo, Joseph	Stegenga, Corinne	Wheatley, Lee A.
Neagle, Joshua	Ray, Harper	Stockton, Rick	White, James I.
Nelson, Greg	Reader, Judith	Stressman, Neil	White, Marla J.
Neumann, Robert	Rhea, C.	Stroman, Martha V.	Wisham, Linda B.
Neumann, Catena	Riddle, Debbie	Т	Wysocki, Mark
Nichols, Donna M.	Riddle, Trinnon	Tamayo, Elvia	Y
Noelke, Ben	Richeson, Rhonda	Taylor, Monica	Yorek, Stacy
Novitt, John	Ritter, Carole	Teague, Marina	Z
0	Rivera, Jessica	Teague, Troy	Zadra, Anna E.
Ocker, Gail	Romeyn, Jacqueline	Thompson, John	Zadra, Jeffery D.
Ocker, Richard	S	Thornburg, Vicki L.	Zamora, Mary
Ogle, Tesha	Sanchez, Candido	Tibbetts, Michael J.	Zufall, Cindy
Olmstead, Kevin	Sather, Dennis	Tillman-Ruiz, Teresa	Zufall, John
Ortiz, Johnny Joe	Sather, Victoria	Treme, Tabetha	
Ortiz, Mary Lou	Schmalz, Della J.	Tuan, Yuny	
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Abel, Cynthia Belcher, Addie Carey, Robert Scott	Daniels, Christian
Abell, James Edward Bentley, Karen K. Carlson, Kat	Daniels, Kathaleen S.
Abell, Mary Anderson Bettes, Gretchen Carrillo, Teresa A.	Davis, Richard
Abelmann, Fred Bevill, Cooper Carson, Jim	DeGraaff, Judith
Abelmann, Nancy Billinger, David Chaney, Gretchen	De La Pena, Dwayne
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Adams, Nanci Blumick, Dianna L. Cherry, Bruce E.	Dorrestijn, Robert
Adas, David Morris Boddie, Robert Allen Clare, Elizabeth	Doss, Camille
Aguilar, Erik James Bonnot, Shane Clare, Mary	Doss, David
Almond, Will Boswell, Zachary Clark, Mark	Drake, Alyson
Altman, Mike Bowers, Ann Cofer, Mary Elizabeth	Dreiss, Milby J.
Amundsen, Kris Branscomb, Margo Cole, Chandler	Dubois, Scott
Amundsen, Lisa Branscomb, Rachael Collins, Lisa	Dyer, Aldo
Anderson, Conner Brentlinger, Sharon Colombo, John D.	Ε
Armstrong, Clay Brooking, Kit Conrad, Michelle	Echols, Connie
Arnold, Cynthia Brown, Ernest Corder, Rebecca	Eckerling, Aaron
Arnold, Tommie Sue Brown, Gary K. Corey, W. Blake	Eisele, Douglas A.
Aschenbeck, Amy L. Brown, Sharon Corman, Aaron	Elias, Marian A.
Brownell, Christine Cornwell, Randy	Elias, William R.
Brownlee, Mitch Eugene	Emery, Arthur
Bluce, Dustill Cortillas, Judilita S.	English, Jennifer Cox
Bryant, Dennis Cotterreil, Anthony Baker Chris	Esposito, Judy
Bulefu, KICK Cidly, IIIidille K.	Estrada, Joe
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Burton, jen Cramer, months M.	F
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Bussey, Allured Criuer, Carolee	Findley, Julie Kinney
Bartlett Stacov S Bussov Art	Flores, Lillian
Basche Bob	Foster, Justin
Basche Carolyn	Foster, Teresa
Rauch Lisa M	Franks, Jonathan
Caluwell, Leia D	Frazier, Chuck
Campbell, Robert A. Dahms-Nelson, Debra	Friday, Phillip

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CGrahamImmon, BullI.Gallegos, AndreaHallum, Richard L.Inlow, MichaelLancaster, HerbGallegos, SalHamilton, Sue EllenInscore, GordonLancaster, HerbGartneon, Peggy E.Hanna, Pat M.Israel, EricLanning, Bobbie L.Gasca, PatHardink-King, PamelaJLara, Raymond MichaelGatther, DarleneHarris, ChesterJamail, RonaldLarsen, DavidGauthier, DarleneHarris, DeborahJames, TheresaLarson, Deborah A.Gauthier, JackieHarrison, DouglasJasek, LouisLeClair, James S.Gaydos, Becky L.Harshman, CathyJessee, JuliaLee, SandraGibert, JackieHartman, Joyce AnnJohnson, GaryLeens, John D.Gilbert, JackieHeimann, Mary AnnJohnson, GaryLesinski, AmandaGillespie, Donald L.Hendry, DougJohnson, KimLindner, PoorothyGodfrey, Austin D.Hester, RogerJohnson, Seth MichaelLindner, PatrickGoldberg, MosesHewitt, ClintJohnson, Seth MichaelLindner, RichardGoldsbury, Robert B.Hilk, ConnieKLobue, Jonez, AnalisaGordora, MelHodgdon, LymneKing, James HarrisonLorez, RobinGord, MelHodgdon, LymneKing, James HarrisonLorez, RobinGoldsbury, Robert B.Hilk, GrafKane, Payton G.Lopez, AnalisaGordon, MelHodgdon, LymneKing, James HarrisonLorez, RobinGordon, MelHodgdon, LymneKing, James HarrisonLorette,	Fuller, David Z.		I	Krueger, Jo Ellyn
Gallegos, AndreaHallum, Richard L.Inlow, MichaelLancaster, HerbGallegos, SalHamilton, Sue EllenInscore, GordonLandry, KurtGardner, AnnHamm, MatthewIsbell, JimLangston, Lulu R.Garrison, Peggy E.Hanna, Pat M.Israel, EricLanning, Bobbie L.Gacs, PatHardink-King, PamelaJLarae, Raymond MichaelGates, TessaHarris, ChesterJamail, RonaldLarsen, DavidGauthier, DarleneHarrison, DouglasJasek, LouisLeClair, James S.Gaydos, Becky L.Harshman, CathyJessee, JuliaLee, SandraGerhart, Gary E.Hartman, Joyce AnnJohnson, GaryLeeux, John D.Gillespie, Donald L.Hendry, DougJohnson, JasmineLeindiner, DorothyGoldrey, Austin D.Hendry, JoyceJohnson, JasmineLindner, HeatherGoff, Kristin E.Hewitt, ClintJohnson, Seth MichaelLindner, RichardGoldberg, MosesHewitt, ClintJohnson, Seth MichaelLindner, RichardGoldberg, MosesHewitt, ClintJohnson, Seth MichaelLitton, MichaelGordonan, Katharine P.Hill, GregKane, Payton G.Lopez, AnalisaGordon, MelHodgdon, LynneKing, James HarrisonLorette, MichaelGordon, MelHodgdon, LynneKing, James HarrisonLorette, MichaelGordonan, Katharine P.Hill, GrefKing, James HarrisonLorette, MichaelGordonan, Katharine P.Holt, Gloria JoanKing, James HarrisonLorette, MichaelGord	G		Imhoff, Bill	L
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Gardner, AnnHamm, MatthewIsbell, JimLangston, Lulu R.Garrison, Peggy E.Hanna, Pat M.Israel, EricLanning, Bobbie L.Gasca, PatHardink-King, PamelaJLara, Raymond MichaelGates, TessaHarris, ChesterJamail, RonaldLarsen, DavidGauthier, DarleneHarris, DeborahJames, TheresaLarson, Deborah A.Gauthier, JackieHarrison, DouglasJasek, LouisLeClair, James S.Gaydos, Becky L.Harshman, CathyJessee, JuliaLee, SandraGriap, ChristineHartman, Joyce AnnJohnson, GaryLeiux, John D.Gilbert, JackieHeimann, Mary AnnJohnson, GaryLewis, Carol S.Gilespie, Donald L.Hendry, DougJohnson, KimLindner, HeatherGoldberg, MosesHewitt, ClintJohnson, Seth MichaelLindner, PatrickGoldberg, MosesHewitt, ElizabethJohnson, Seth MichaelLindner, RichardGordnan, Katharine P.Hill, GregKane, Payton G.Lopez, AnalisaGordon, MelHull, Michael D.Kane, Payton G.Lopez, AnalisaGordon, MelHull, Michael D.King, James HarrisonLorette, MicheleGray, Ellen L.Hold, Kevin M.Kirkman, SusanJeyrky, DianeGrose, JerryHolland, Kevin M.Kirkman, SusanJeyrky, DianeGroseckose, TinaHoton, NicoleKohn, CyndiMachac, Terry J.Groseckose, TinaHood, MariellenKing, Patricia J.Machac, Terry J.Grosechose, TinaHood, MariellenK	Gallegos, Sal		Inscore, Gordon	Landry, Kurt
Garrison, Peggy E.Hanna, Pat M.Israel, EricLanning, Bobbie L.Gasca, PatHardink-King, PamelaJLara, Raymond MichaelGates, TessaHarris, ChesterJamail, RonaldLarsen, DavidGauthier, DarleneHarris, DeborahJames, TheresaLarson, Deborah A.Gauthier, JackieHarrison, DouglasJasek, LouisLeClair, James S.Gaydos, Becky L.Harshman, CathyJessee, JuliaLee, SandraGerhart, Gary E.Hart, DebbieJessee, LawsonLeleux, John D.Gilbert, JackieHeimann, Mary AnnJohnson, GaryLesinski, AmandaGillespie, Donald L.Hendry, DougJohnson, JasmineLewis, Carol S.Geason, TomHendry, JoyceJohnson, Seth MichaelLindner, PoorthyGodfrey, Austin D.Heixt, ElizabethJones, KennethLindner, RichardGoldberg, MosesHewitt, ElizabethJones, KennethLitton, ChanceGoddrauk, Katharine P.Hill, GregKane, Payton G.Lopez, AnalisaGordon, MelHull, Michael D.King, James HarrisonLorette, MicheleGordon, MelHoll, Goria JoanKirkman, SusanLorette, MicheleGray, Ellen L.Holt, Gloria JoanKirkman, SusanMachac, Terry J.Groseclose, TinaHood, MariellenKithas, StephanieMachac, Terry J.Groseclose, TinaHood, MariellenKithas, StephanieMachac, Terry J.Groseclose, TinaHoovan, SteveKollaja, Mallory S.Machact, Ferry J.	Gardner, Ann		Isbell, Jim	Langston, Lulu R.
Gasca, PatHardink-King, PamelaJLara, Raymond MichaelGates, TessaHarris, ChesterJamail, RonaldLarsen, DavidGauthier, DarleneHarris, DeborahJames, TheresaLarson, Deborah A.Gauthier, JackieHarrison, DouglasJasek, LouisLeClair, James S.Gaydos, Becky L.Harshman, CathyJessee, JuliaLeex, SandraGerhart, Gary E.Hart, DebbieJohns, DavidLeux, John D.Giap, ChristineHartman, Joyce AnnJohnson, GaryLesinski, AmandaGilbert, JackieHeimann, Mary AnnJohnson, GaryLewis, Carol S.Gleason, TomHendry, DougJohnson, KimLindner, DorothyGodfrey, Austin D.Hester, RogerJohnson, Seth MichaelLindner, RichardGoldberg, MosesHewitt, ClintJones, KennethLindner, RichardGoldsbury, Robert B.Hicks, DebbieJulian, RobertLitton, MichaelGordana, Katharine P.Hill, ConnieKane, Payton G.Lopez, AnalisaGordon, MelHoldgon, LynneKing, James HarrisonLopez, RobinGords, JerryHolland, Kevin M.Kirkman, SusanLorette, MicheleGreen, GialHoot, MariellenKirkman, SusanJorette, Michele, Robert C.Grose, GariaHorton, NicoleKoehn, CyndiMachac, Terry J.Grose, MarkHowad, SteveKollaja, Mallory S.Machac, Terry J.	Garrison, Peggy E.		Israel, Eric	Lanning, Bobbie L.
Gates, TessaHarris, ChesterJamail, RonaldLarsen, DavidGauthier, DarleneHarris, DeborahJames, TheresaLarson, Deborah A.Gauthier, JackieHarrison, DouglasJasek, LouisLeClair, James S.Gaydos, Becky L.Harshman, CathyJessee, JuliaLee, SandraGerhart, Gary E.Hart, DebbieJessee, LawsonLeLeux, John D.Giap, ChristineHartman, Joyce AnnJohnson, GaryLesinski, AmandaGillespie, Donald L.Hendry, DougJohnson, GaryLewis, Carol S.Gleason, TomHendry, JoyceJohnson, KimLindner, DorothyGoff, Kristin E.Hewitt, ClintJohnson, Seth MichaelLindner, RichardGoldberg, MosesHewitt, ElizabethJones, KennethLindner, RichardGoddsbury, Robert B.Hilk, ConnieKLogez, AnalisaGordon, MelHodgdon, LynneKing, James HarrisonLopez, RobinGordon, MelHold, Kevin M.King, TammyLopez, RobinGray, Ellen L.Holt, Gloria JoanKirkman, SusanLorette, MicheleGreen, GailHood, MariellenKirkman, SusanLorette, MicheleGroseclose, TinaHorton, NicoleKoehn, CyndiMachac, Terry J.Groseclose, TimaHorton, NicoleKoehn, CyndiMachac, Terry J.Groseclose, TimaHorton, NicoleKoehn, CyndiMachac, Terry J.Groseclose, TimaHorton, NicoleKoehn, CyndiMachachac, Terry J.Grose, KarkHoward, SteveKollaja, Mallory S.Machec	Gasca, Pat		J	Lara, Raymond Michael
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Giap, ChristineHartman, Joyce AnnJohns, DavidLembo, JohnGilbert, JackieHeimann, Mary AnnJohnson, GaryLesinski, AmandaGillespie, Donald L.Hendry, DougJohnson, JasmineLewis, Carol S.Gleason, TomHendry, JoyceJohnson, Rae ALindner, DorothyGodfrey, Austin D.Hester, RogerJohnson, Rae ALindner, HeatherGoldberg, MosesHewitt, ClintJohnson, Seth MichaelLindner, RichardGoldberg, MosesHewitt, ElizabethJones, KennethLitton, ChanceGoodman, Katharine P.Hill, ConnieKLobus, JoeGonzales, RefugioHill, GregKane, Payton G.Lopez, AnalisaGordon, MelHoldgon, LynneKing, James HarrisonLorette, MicheleGors, JerryHolland, Kevin M.King, TammyLyerly, DianeGreen, CindyHolt, ScottKithas, StephanieMGroseclose, TinaHorton, NicoleKolhn, CyndiMaindelle, Robert C.Grosse, MarkHoward, SteveKollaja, Mallory S.Manchester, JamesGuajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Gerhart, Gary E.			LeLeux, John D.
Gilbert, JackieHeimann, Mary AnnJohnson, GaryLesinski, AmandaGillespie, Donald L.Hendry, DougJohnson, JasmineLewis, Carol S.Gleason, TomHendry, JoyceJohnson, KimLindner, DorothyGodfrey, Austin D.Hester, RogerJohnson, Rae ALindner, HeatherGoff, Kristin E.Hewitt, ClintJohnson, Seth MichaelLindner, RichardGoldberg, MosesHewitt, ElizabethJones, KennethLindner, RichardGoldsbury, Robert B.Hicks, DebbieJulian, RobertLitton, ChanceGoodman, Katharine P.Hill, ConnieKLoBue, JoeGonzales, RefugioHill, GregKane, Payton G.Lopez, AnalisaGordon, MelHodgdon, LynneKing, James HarrisonLorette, MicheleGray, Ellen L.Holt, Gloria JoanKirkman, SusanLorette, MicheleGreen, GailHood, MariellenKithas, StephanieMGrosse, MarkHorton, NicoleKoehn, CyndiMachac, Terry J.Grosse, MarkHoward, SteveKollaja, Mallory S.Manchester, JamesGuajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Giap, Christine			Lembo, John
Gillespie, Donald L.Hendry, DougJohnson, JasmineLewis, Carol S.Gleason, TomHendry, JoyceJohnson, KimLindner, DorothyGodfrey, Austin D.Hester, RogerJohnson, Rae ALindner, HeatherGoff, Kristin E.Hewitt, ClintJohnson, Seth MichaelLindner, RichardGoldberg, MosesHewitt, ElizabethJones, KennethLindner, RichardGoldsbury, Robert B.Hicks, DebbieJulian, RobertLitton, ChanceGonzales, RefugioHill, GregKane, Payton G.Lopez, AnalisaGordon, MelHolgdon, LynneKing, James HarrisonLorette, MicheleGras, Elien L.Holt, Gloria JoanKirkman, SusanLorette, MicheleGreen, GailHood, MariellenKithas, StephanieMachac, Terry J.Grosse, MarkHoward, SteveKollaja, Mallory S.Manchester, JamesGuajardo, AnnaHoward, SteveKollman, JanetMarion, J.	Gilbert, Jackie	· -		Lesinski, Amanda
Godfrey, Austin D.Hester, RogerJohnson, Rae ALindner, HeatherGoff, Kristin E.Hewitt, ClintJohnson, Seth MichaelLindner, PatrickGoldberg, MosesHewitt, ElizabethJones, KennethLindner, RichardGoldsbury, Robert B.Hicks, DebbieJulian, RobertLitton, ChanceGoodman, Katharine P.Hill, ConnieKLoBue, JoeGonzales, RefugioHill, GregKane, Payton G.Lopez, AnalisaGordon, MelHodgdon, LynneKing, James HarrisonLopez, RobinGoss, JerryHolland, Kevin M.King, TammyLyerly, DianeGreen, CindyHolt, ScottKithas, StephanieMGroseclose, TinaHoron, NicoleKoehn, CyndiMachac, Terry J.Grosse, MarkHoward, SteveKollaja, Mallory S.Marion, J.Guajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Gillespie, Donald L.		· · · · · ·	Lewis, Carol S.
Godfrey, Austin D.Hester, RogerJohnson, Rae ALindner, HeatherGoff, Kristin E.Hewitt, ClintJohnson, Seth MichaelLindner, PatrickGoldberg, MosesHewitt, ElizabethJones, KennethLindner, RichardGoldsbury, Robert B.Hicks, DebbieJulian, RobertLitton, ChanceGoodman, Katharine P.Hill, ConnieKLoBue, JoeGonzales, RefugioHill, GregKane, Payton G.Lopez, AnalisaGordon, MelHoldgdon, LynneKenyon, TerryLopez, RobinGors, JerryHolland, Kevin M.King, TammyLyerly, DianeGreen, CindyHolt, ScottKithas, StephanieMGroseclose, TinaHorton, NicoleKoehn, CyndiMachac, Terry J.Grosse, MarkHoward, SteveKollaja, Mallory S.Manchester, JamesGuajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Gleason, Tom			Lindner, Dorothy
Goldberg, MosesHewitt, ElizabethJones, KennethLindner, RichardGoldsbury, Robert B.Hicks, DebbieJulian, RobertLitton, ChanceGoodman, Katharine P.Hill, ConnieKLoBue, JoeGonzales, RefugioHill, GregKane, Payton G.Lopez, AnalisaGordon, MelHodgdon, LynneKenyon, TerryLopez, RobinGors, JerryHolland, Kevin M.King, TammyLorette, MicheleGreen, CindyHolt, Gorai JoanKirkman, SusanMGreen, GailHood, MariellenKling, Patricia J.Machac, Terry J.Grosse, MarkHoward, SteveKoehn, CyndiManchester, JamesGuajardo, AnnaHoward, SteveKollman, JanetMarion, J.	Godfrey, Austin D.	Hester, Roger		Lindner, Heather
Goldberg, MosesHewitt, ElizabethJones, KennethLindner, RichardGoldsbury, Robert B.Hicks, DebbieJulian, RobertLitton, ChanceGoodman, Katharine P.Hill, ConnieKLoBue, JoeGonzales, RefugioHill, GregKane, Payton G.Lopez, AnalisaGonzales, RichardHill, Michael D.Kenyon, TerryLopez, RobinGordon, MelHodgdon, LynneKing, James HarrisonLorette, MicheleGors, JerryHolland, Kevin M.King, TammyLorette, MicheleGreen, CindyHolt, Gloria JoanKirkman, SusanMGreen, GailHood, MariellenKing, Patricia J.Machac, Terry J.Grosse, MarkHoward, SteveKoehn, CyndiMaindelle, Robert C.Guajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Goff, Kristin E.	Hewitt, Clint	Johnson, Seth Michael	Lindner, Patrick
Goldsbury, Robert B.Hicks, DebbieJulian, RobertLitton, ChanceGoodman, Katharine P.Hill, ConnieKLitton, MichaelGonzales, RefugioHill, GregKane, Payton G.Lopez, AnalisaGonzales, RichardHill, Michael D.Kenyon, TerryLopez, RobinGordon, MelHodgdon, LynneKing, James HarrisonLorette, MicheleGoss, JerryHolland, Kevin M.King, TammyLyerly, DianeGraen, CindyHolt, Gloria JoanKirkman, SusanMGreen, GailHood, MariellenKiing, Patricia J.Machac, Terry J.Grosse, JarakHoward, SteveKoehn, CyndiManchester, JamesGuajardo, AnnaHughes, BenjaminKollaja, Mallory S.Marion, J.	Goldberg, Moses			Lindner, Richard
Goodman, Katharine P.Hill, ConnieKLitton, MichaelGonzales, RefugioHill, GregKane, Payton G.LoBue, JoeGonzales, RichardHill, Michael D.Kenyon, TerryLopez, AnalisaGordon, MelHodgdon, LynneKing, James HarrisonLorette, MicheleGoss, JerryHolland, Kevin M.King, TammyLorette, MicheleGray, Ellen L.Holt, Gloria JoanKirkman, SusanLyerly, DianeGreen, CindyHolt, ScottKithas, StephanieMGroseclose, TinaHorton, NicoleKoehn, CyndiMachac, Terry J.Grosse, MarkHoward, SteveKollaja, Mallory S.Marchester, JamesGuajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Goldsbury, Robert B.			Litton, Chance
Gonzales, RefugioHill, GregKLoBue, JoeGonzales, RichardHill, Michael D.Kane, Payton G.Lopez, AnalisaGordon, MelHodgdon, LynneKenyon, TerryLopez, RobinGoss, JerryHolland, Kevin M.King, James HarrisonLorette, MicheleGray, Ellen L.Holt, Gloria JoanKirkman, SusanLyerly, DianeGreen, CindyHolt, ScottKithas, StephanieMGroseclose, TinaHorton, NicoleKoehn, CyndiMaindelle, Robert C.Grosse, MarkHoward, SteveKollaja, Mallory S.Marchester, JamesGuajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Goodman, Katharine P.			Litton, Michael
Gonzales, RichardHill, Michael D.Kahle, Payton G.Lopez, AnalisaGordon, MelHolgdon, LynneKenyon, TerryLopez, RobinGoss, JerryHolland, Kevin M.King, James HarrisonLorette, MicheleGray, Ellen L.Holt, Gloria JoanKirkman, SusanLyerly, DianeGreen, CindyHolt, ScottKithas, StephanieMGrosselose, TinaHorton, NicoleKoehn, CyndiMaindelle, Robert C.Grosse, MarkHoward, SteveKollaja, Mallory S.Marion, J.Guajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Gonzales, Refugio			LoBue, Joe
Gordon, MelHodgdon, LynneKenyon, TerryLopez, RobinGoss, JerryHolland, Kevin M.King, James HarrisonLorette, MicheleGray, Ellen L.Holt, Gloria JoanKirg, TammyLyerly, DianeGreen, CindyHolt, ScottKithas, StephanieMGreen, GailHood, MariellenKling, Patricia J.Machac, Terry J.Grosseclose, TinaHorton, NicoleKoehn, CyndiMaindelle, Robert C.Grosse, MarkHoward, SteveKollaja, Mallory S.Marion, J.Guajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Gonzales, Richard			Lopez, Analisa
Goss, JerryHolland, Kevin M.King, James HarrisonLorette, MicheleGray, Ellen L.Holt, Gloria JoanKing, TammyLyerly, DianeGreen, CindyHolt, ScottKirkman, SusanMGreen, GailHood, MariellenKling, Patricia J.Machac, Terry J.Grosseclose, TinaHorton, NicoleKoehn, CyndiMaindelle, Robert C.Grosse, MarkHoward, SteveKollaja, Mallory S.Marion, J.Guajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Gordon, Mel			Lopez, Robin
Gray, Ellen L.Holt, Gloria JoanKing, TahiniyLyerly, DianeGreen, CindyHolt, ScottKirkman, SusanMGreen, GailHood, MariellenKithas, StephanieMachac, Terry J.Groseclose, TinaHorton, NicoleKoehn, CyndiMaindelle, Robert C.Grosse, MarkHoward, SteveKollaja, Mallory S.Marion, J.Guajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Goss, Jerry		0.1	Lorette, Michele
Green, CindyHolt, ScottKirkman, SusanGreen, GailHolt, ScottKithas, StephanieMGroseclose, TinaHood, MariellenKling, Patricia J.Machac, Terry J.Grosse, MarkHorton, NicoleKoehn, CyndiMaindelle, Robert C.Guajardo, AnnaHughes, BenjaminKollaja, Mallory S.Marion, J.	Gray, Ellen L.			Lyerly, Diane
Green, GailHood, MariellenKlinas, StephanieGroseclose, TinaHorton, NicoleKling, Patricia J.Machac, Terry J.Grosse, MarkHoward, SteveKoehn, CyndiMaindelle, Robert C.Guajardo, AnnaHughes, BenjaminKollaja, Mallory S.Marion, J.Guestafson Kim SKollman, JanetMarion, J.	Green, Cindy			Μ
Groseclose, TinaHorton, NicoleKing, Patricia J.Grosse, MarkHorton, NicoleKoehn, CyndiMaindelle, Robert C.Guajardo, AnnaHughes, BenjaminKollaja, Mallory S.Marion, J.Gustafson Kim SKollman, JanetMarion, J.	Green, Gail			
Grosse, MarkHoward, SteveKollaja, Mallory S.Manchester, JamesGuajardo, AnnaHughes, BenjaminKollman, JanetMarion, J.	Groseclose, Tina			
Guajardo, AnnaHughes, BenjaminKollaja, Mallory S.Gustafson Kim SKollman, JanetMarion, J.	Grosse, Mark			
Custafson Kim S Kollman, Janet	Guajardo, Anna			
Hughes, Evan F. Krampitz, Anita E. Marion, Rachel	Gustafson, Kim S.	Hughes, Evan F.		

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Pate, Marnie

Marcyes, Tonna Markey, Peter Markey, Sharm Marksman. Charlene Marksman, Edward Martin, William Grier Matson, Ronald Matsunami, Shelly Matthews, Joseph McDonough, Gary N. McGinty, Chris H. McHugh, Shirl McIchany, Bryan McKeen, Daniel McKinney, John McMillin, Robert Medina, Honorato Merritt, Julia Merritt, Randall C. Messley, Charles Miessner, Patricia J. Miller, Katherine Milner, Dana Minor, Eric C. Mooney, Thomas W. Moore, Milby Moore, Ethel White Mora, Susan M. Morales, Paula G. Morris, John Mott, Tina Moyer, Christopher Moyer, Maria Myers, Barbara Myers, Will Robert

Nagy, Diane E. Nangle, Dolores I. Neagle, Joshua Neil, Matthew Neimann, Dianne Nelson, Greg Nelson, Rick Neumann, Robert Neumann, Catena Nichols, Donna M. Noelke, Ben Novitt, John

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Oates, Norman O'Brien, Kaitlin Ocker, Gail Ocker, Richard Ogle, Tesha Olmstead, Kevin Oroian, Colleen Ortiz, Johnny Joe Ortiz, Mary Lou Owens, Steve

Р

Pacino, Al O. Palmer, Sandy Pancamo, Brett Pancamo, Shannon Pantesa, Paul Parks, Karen Parr, Denise Parr, Suzanne Parrish, Maxey Patton, Robert Payne, Richard Pena. Daniel Perkins, Andrew Personette, Alan J. Pfluger, Christa Gaida Ploetz, Scott Plunkett, Charles Porras, Becky Porter, Marie Poston, Elizabeth Anne Powers, Shelley Powers, Tiffiny Pratt, Cameron Presley, Cole Price, Callan Proulx, Keith W. Proulx, Rosalie A.

Q

Quinones, Eduardo

Pruett, Gary

R

Randazzo, Joseph Ray, Harper Reader, Judith Reeder, H. Suzanna Reichardt, Henry G. Rhea, C. Rich, Robert Riddle, Debbie Riddle, Trinnon Richeson, Rhonda Rinner, Lisa Ritter, Douglas Rivera, Jessica Roark, Adam Robertson, Jimmy Rockwood, Gaylyn Romeyn, Jacqueline Rosson, Todd Ruggles, John Michael Rutterford, Brie

Ritter, Carole

S

Saba, Dave Salg, Mary Ellen Sanchez, Candido Sandusky, Lorenza Sather, Dennis Sather, Victoria Schou, Billie M. Schmalz, Della J. Schmalz, Guy Schutte, Wendy Schwenk, Annette Scott, Caroline Scott, Deanna Searight, Sarah Seger, Will M. Seibert, Richard Seiler, Bobbie K. Shaw, Kimberly Shearer, Kimberly Sheets, Dana Shepherd, Mary Shepperd, John Sherwood, J. Matthew

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Shields, Milton Allen	Sweatman, Deborah	Turk, Cathy	Washko, William E.
Shockley, Jeff	Т	Turk, Merwin	Weber, Mary J.
Sible, Amanda G.	- Tamayo, Elvia	U	Wheatley, Lee A.
Silvers, Donna	Taylor, Monica	- Uhlik, Betty S.	White, James I.
Simanek, Michelle	Teague, Marina	Uhlik, Daniel	White, Marla J.
Siragusa, Charles R.	Teague, Troy	Underwood, Grason	Whitekiller, Tristan
Smith, Barney L.	Tedesco, Renee	Upton, John	Wilde, Lee Anne
Smith, Jeffery H.	Teller, Georgia	17	Wildfang, Phil
Smith, Karen S.	Terrazas, Guadalupe	V VanDouenter Den	Williams, Leslie
Smith, Kimberly J.	Terry, Joe	VanDeventer, Dan	Wilson, William Andrew
Smith, Lou Ann	Thayer, Ted	VanDyke, William Vanecek, Cassie	Wisham, Linda B.
Smith, Russell R.	Thomas, Cathy	Vanecek, Jared	Wong, Glenn
Solimine, Shannon	Thompson, John		
Sommers, Dana	Thornburg, Vicki L.	Vasquez, Bertha Vasquez, Catherine	Wysocki, Mark
Sorensen, Todd	Tibbetts, Michael J.	Vaughan, Steven	Y
St. Clair, Michael	Tillman-Ruiz, Teresa	Lawrence	Yackee, Judy H.
St. Clair, Susan	Tipps, Robert	Viera, Mitchell	Yorek, Stacy
Stanush, Belinda Mosty	Tise, Carey	Vondra, Diana	Ζ
Stedman, Culver	Toepperwein, Traci	Vondra, Glenn	Zadra, Anna E.
Stegenga, Corinne	Tompkins, Denise	W	Zadra, Jeffery D.
Stockton, Rick	Traylor, Kristine	Walling, Michael P.	Zamora, Mary
Stressman, Neil	Treadway, Bryan	Walls, Rob	Zente, Alex
Stroman, Martha V.	Treme, Tabetha	Walpole, Kenny	Zufall, Cindy
Strowd, Don	Truitt, Roy L.	Walpole, Refugia	Zufall, John
Stunz, Greg	Tuan, Yuny	Walsh, Susan	
Sudderth, Sheila		, along oxoun	

Groups, Governmental Entities & Organizations

Board of Directors and Residents of Mustang Island II HOA City of Port Aransas

Coastal Bend Guide Association

Coastal Conservation Association of Texas Portland Citizens United

Attachment #16 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned the POCC Discharge will Lower Dissolved Oxygen

		-	
Abell, Mary Anderson	Gaydos, Becky L.	Maindelle, Robert C.	Schou, Billie M.
Altman, Mike	Godfrey, Austin D.	Manchester, James	Sutch, Robin
Anderson, Conner	Goss, Jerry	Marcyes, Tonna	
		McGinty, Chris H.	Terrazas, Guadalupe
Bailey, Robert G.	Hallum, Richard L.	McHugh, Shirl	Terry, Joe
Branscomb, Margo	Hill, Michael D.		
Brown, Ernest	Hughes, Benjamin	Neil, Matthew	Viera, Mitchell
Brown, Gary K.			
Bryant, Dennis	Johnson, Seth Michael	O'Brien, Kaitlin	Walls, Rob
Buferd, Rick	Johnstone, Cliff		Wilde, Lee Anne
Burton, Jeff		Parrish, Maxey	Wildfang, Phil
	Landry, Kurt	Payne, Richard	
Chapman, Tim	Litton, Chance		Zamora, Melissa
Cherry, Bruce E.	LoBue, Joe	Rosson, Todd	
Cornwell, Randy Eugene			
Cotterell, Anthony			
Cramer, Thomas M.			

Groups, Governmental Entities & Organizations

Coastal Alliance for Protection of our Environment

Attachment #17

Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Recommending the Hyper-Saline Water should be Discharged Offshore or in a Different Location

Adams, DeGraaf	Eckstrom, Matt R.	Kulcik, Tom	Solcher, Gerry
Adams, Fran	Elliott, Steven M.	Layden, James D.	Solimine, Shannon
Adas, David Morris		LeLeux, John D.	Stallings, Bill
Appling, Dan B.	Farley, Barney	Litton, Michael	Steves, Sam
	Findley, Julie Kinney	Lorette, Michele	Strieber, William C.
Baker, Chris	Flores, Lillian	Lorson, Don	Stunz, Greg
Balensiefen, Joe S.	Franklin, Lisa Alice		Sutch, Robin
Bartlett, Phillip	Frisch, Mike A.	Markey, Peter	
Bassett, Delbert M.	Fulton, Cathy	Matson, Ronald	Tedesco, Renee
Bigham, Rob		Matthews, Joseph	
Billinger, David	Gaspard, Carrol	Monn, Jason	Upton, John
Thomas	Gaspard, Eric	Morris, John	
Borders, Syrus	Gauthier, Darlene		Vasquez, Catherine
Brown, Ernest	Geckler, Chris	Nava, Tony	Vera, Leslie Faith
Brown, Tosh	Goldsbury, Robert B.		Voight, Jerry
Bryant, Dennis	Green, Cindy	Oates, Norman	Vondra, Glenn
Burns, Pamela	Gutierrez, Hector	Ordner, Michael	
Bussa, Harry		Owens, Beth	Walsh, Susan
Bussey, Andrea Colunga	Hallmark, Spencer Graham	Development Develo	White, Alan Berry
Bussey, Art	Hanna, Jay	Pancamo, Brett	White, Carolyn
	Heimann, Mary Ann	Personette, Alan J.	Williams, Leslie
C., Aron	Hodgdon, Lynne	Peter, Louis	
Carey, Robert Scott	Holt, Gloria Joan	Pfluger, Christa Gaida	
Carson, Jim	Howard, Steve	Poston, Beth	
Christensen, Irene		Powers, Shelley	
Clare, Mary	Jasek, Louis	Pratt, Cameron	
Clark, Barry	Johnstone, Cliff		
Clark, Warren	Jones, William J.	Reichardt, Henry G.	
Drake, Alyson Dubois, Scott	Kane, Payton G.	Seger, Will M. Shockley, Jeff	
Dyer, Aldo	King, James Harrison	Sinclair, Linda	
Dzurenda, Stephen M.	King, Tammy	Slobojan, William	
	Krueger, Jo Ellyn	Smith, Sandra Nelson	

Attachment #17 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Recommending the Hyper-Saline Water should be Discharged Offshore or in a Different Location

Groups, Governmental Entities & Organizations

Board of Directors and Residents of Mustang Island II HOA City of Port Aransas Portland Citizens United

Attachment # 18

Port of Corpus Christi Authority of Nueces County, WQ0005253000
Persons Concerned About the Potential Negative Impact of the Proposed Discharge
to Wildlife and Birds

Brown, Ernest	Harshman, Cathy	Pecore, Dan	Tedesco, Renee
Bryant, Dennis	Hess, Bridgett	Poston, Elizabeth Anne	Thomas, Cathy
Burton, Dennis	Hughes, Evan F.		Tompkins, Denise
		Radtke, Cindy L.	
Cofer, Mary Elizabeth	Jacobson, Sandra	Robertson, Jimmy	Wornat, Tracy
Colombo, John D.	Jasek, Louis		
	Jones, Kenneth	Saba, Dave	
Dowden, Jupe D.		Scott, Deanna	
	Kane, Payton G.	Shepperd, John	
Findley, Julie Kinney	Kato, Christopher	Sinclair, Linda	
Frisch, Mike A.	King, Tammy	Sommers, Dana	
Frisco, Marcia	Koehn, Cyndi	Stedman, Culver	
Fulton, Cathy	Krueger, Jo Ellyn	Storrie, Magen Nicole	
		Sutch, Robin	
Gauthier, Darlene	Marco, Sally		
Gauthier, Jackie	Markey, Sharm		
Goldsbury, Robert B.			

Attachment #19 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Potential Negative Impact to Tourism

A Abell, James Edward Abelmann, Fred Abelmann, Nancy Ables, Cheryl Adams, DeGraaf Adams, Fran Adams, Fran Adams, Nanci Amundsen, Kris Amundsen, Lisa Arnold, Cynthia

B

Baker, Angela Baker, Brett Balcom, Patsy Balcom, Paul Balentine, Glenda Barnett, Brenda Bartlett, Stacey S. Basche, Bob Basche, Carolyn Bassett, Delbert M. Bauch, Lisa M. Bentley, Karen K. Bevill, Cooper Black, Mary Blanchette, Ruby R. Blumick, Dianna L. Boddie, Robert Allen Bowers, Ann Branscomb, Margo Brentlinger, Sharon Brooking, Kit

Brown, Tosh Brownell, Christine Burton, Dennis Burton, Tracy Bussey, Art С Campbell, Robert A. Cantu, Caitlan Chaney, Gretchen Christensen, Irene Clare, Elizabeth Clare, Mary Cole, Chandler Collins, Lisa Conrad, Michelle Corder, Rebecca Corey, W. Blake Cortinas, Juanita S. Craig, Tiffanie K. Crawford, Betty Crider, Carolee Cunningham, David L. Cunningham, Martha

D

Dahms-Nelson, Debra Dailey, Lucia Daniels, Christian Daniels, Kathaleen S. DeGraaff, Judith De La Pena, Dwayne Dorrell, Tom Dorrestijn, Heather Dorrestijn, Robert

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Doss, David Drake, Alyson Dreiss, Milby J. Dyer, Aldo E Echols, Connie Eisele, Douglas A. Elias, Marian A. Elias, William R. English, Jennifer Cox Esposito, Judy Estrada, Joe

F

Farley, Barney Faulkner, Morgan Findley, Julie Kinney Flynn, Paul J. Foster, Justin Foster, Teresa Frannea, Martin Frazier, Chuck Fuller, David Z. Fulton, Cathy

G

Gallegos, Andrea Gallegos, Sal Gardner, Ann Garrison, Peggy E. Gasca, Pat Gates, Tessa Gauthier, Darlene Gilbert, Jackie Goldberg, Moses Gonzales, Refugio Gonzales, Richard Gordon, Mel Groseclose, Tina Grosse, Mark Guajardo, Anna Η Hain, Jeffrey A. Halioua, Linda Hallmark, Spencer Graham Hamilton, Sue Ellen Hamm, Matthew Hardink-King, Pamela Harris, Chester Harris, Deborah Harrison, Douglas Harshman, Cathy Hart, Debbie Hartman, Joyce Ann Hendry, Doug Hendry, Joyce Hess, Bridgett Hester, Roger Hicks, Debbie Hill, Connie Hill, Greg Hood, Mariellen Hutchens, David Huynh, Tuan I Inscore, Gordon J

James, Theresa Jasek, Louis

Attachment #19 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Potential Negative Impact to Tourism

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Johnson, Rae A	Marksman, Charlene	Ocker, Richard	Rinner, Lisa
Julian, Robert	Marksman, Edward	Ogle, Tesha	Ritter, Carole
K	Matsunami, Shelly	Olmstead, Kevin	Rivera, Jessica
Kane, Payton G.	McDonough, Gary N.	Ortiz, Johnny Joe	Romeyn, Jacqueline
King, Tammy	McIchany, Bryan	Ortiz, Mary Lou	S
Kirkman, Susan	McKeen, Daniel	Owens, Elizabeth	Sanchez, Candido
Kithas, Stephanie	McKinney, John	Owens, Kelly	Sather, Dennis
Kling, Patricia J.	Messley, Charles	Р	Sather, Victoria
Kollman, Janet	Miessner, Patricia J.	Pacino, Al O.	Schmalz, Della J.
Krampitz, Anita E.	Miller, Katherine	Palmer, Sandy	Schmalz, Guy
Krampitz, John B.	Milner, Dana	Pantesa, Paul	Schroeder, Cody W.
Kravik, Deborah J.	Mooney, Thomas W.	Parks, Karen	Schroeder, Myron
Krueger, Jo Ellyn	Moore, Milby	Parr, Denise	Schutte, Wendy
L	Mora, Susan M.	Parr, Suzanne	Schwenk, Annette
L Lanning, Bobbie L.	Morales, Paula G.	Pate, Marnie	Scott, Caroline
Larsen, Daniel P.	Mott, Tina	Payer, Dan H.	Seiler, Bobbie K.
Larson, Deborah A.	Moyer, Christopher	Pearson, Reta	Shaw, Kimberly
Ledesma, Israel	Moyer, Maria	Pecore, Dan	Shearer, Kimberly
Lee, Sandra	Myers, Barbara	Porras, Becky	Sheets, Dana
LeLeux, John D.	Myers, Will Robert	Poston, Elizabeth Anne	Sheldon, Margaret
Lembo, John	Ν	Powers, Tiffiny	Shepherd, Mary
Lewis, Carol S.	Nagy, Diane E.	Price, Callan	Sherwood, J. Matthew
Lindner, Dorothy	Nangle, Dolores I.	Proulx, Keith W.	Sible, Amanda G.
Lindner, Heather	Neagle, Joshua	Proulx, Rosalie A.	Simanek, Michelle
Lindner, Patrick	Neimann, Dianne	R	Smith, Barney L.
Lindner, Richard	Nelson, Greg	Radtke, Cindy L.	Smith, Karen S.
Lopez, Analisa	Neumann, Robert	Randazzo, Joseph	Smith, Lou Ann
Lopez, Robin	Neumann, Catena	Ray, Harper	Sodamann, Paul E.
Lyerly, Diane	Nichols, Donna M.	Reader, Judith	Solimine, Shannon
	Noelke, Ben	Reeder, H. Suzanna	St. Clair, Michael
M Marco Sally	Novey, Kathryn	Rhea, C.	St. Clair, Susan
Marco, Sally	Novitt, John	Riddle, Debbie	Stegenga, Corinne
Marion, J.	0	Riddle, Trinnon	Stephens, Myra
Marion, Rachel	Ocker, Gail	Richeson, Rhonda	Stockton, Rick
Markey, Sharm			

Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Attachment #19 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Potential Negative Impact to Tourism

Storrie, Magen Nicole	Treme, Tabetha	W	Y
Stressman, Neil	Truitt, Roy L.	Walling, Michael P.	Yorek, Stacy
Stroman, Martha V. Sweatman, Deborah T Tamayo, Elvia Taylor, Monica Teague, Marina Teague, Troy Thompson, John	Tuan, Yuny Turk, Cathy Turk, Merwin U Uhlik, Betty S. Uhlik, Daniel V Vanecek, Cassie	Walling, Michael P. Walpole, Kenny Walpole, Refugia Walsh, Susan Washko, William E. Weber, Mary J. Wheatley, Lee A. White, Alan Berry White, Carolyn White, James I.	Yorek, Stacy Z Zadra, Anna E. Zadra, Jeffery D. Zamora, Mary Zufall, Cindy Zufall, John
Thornburg, Vicki L. Tibbetts, Michael J. Tillman-Ruiz, Teresa Tompkins, Denise	Vanecek, Jared Vera, Leslie Faith Vondra, Diana Vondra, Glenn	White, Marla J. Wilson, Lauren Wisham, Linda B. Wornat, Tracy Wysocki, Mark	

Groups, Governmental Entities & Organizations

Board of Directors and Residents of Mustang Island II HOA Coastal Conservation Association of Texas City of Port Aransas Ecological Sciences Communication Initiative

Attachment #20 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Potential Negative Impact to Aesthetics

Abell, James Edward	English, Jennifer Cox	Kennedy, Randi	Rinner, Lisa
Armstrong, Clay		Kennedy, Russell	
Arnold, John	Farley, Barney		Sharpe, Gerald B.
Arzola, Pete	Findley, Julie Kinney	Lesinski, Amanda	Sherwood, J. Matthew
Bartlett, Phillip			Simpson, Susan
Behrens, E. William	Gleason, Tom	McCall, Patrick H.	Stevens, Lisa
Bird, Frances	Griffin, Leslie		Storrie, Magen Nicole
Boswell, Zachary	Groseclose, Tina	Neimann, Dianne	
Branscomb, Margo		Niemann, Mary Dianne	Trippet, Nancy
	Harrison, Douglas		
Clare, Mary	Hatch, Donald	Owens, Elizabeth	Wassermann, Susan
Cunningham, David L.	Hesselbacher, Robin	Owens, Kelly	Wofford, William H
Cunningham, Martha	Horvath, Stephanie		
		Pate, Rick Door	
Davis, Liz	Johnson, Kim	Pate, Teresa	
		Pecore, Dan	

Attachment #21 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Potential Negative Economic Impact

Abell, James Edward	Farley, Barney	Johnson, Kim	Scoville, Doris
	Flores, Lillian	Jones, Kenneth	Shifflett, Skip
Baudouin, Benjamin	Frisch, Mike A.		Shockley, Jeff
Bettes, Gretchen		Kollaja, Mallory S.	Solimine, Shannon
Branscomb, Margo	Gaspard, Carrol	McHugh, Shirl	Suttle, Richard
Brundrett, Vanessa	Gaspard, Eric	McIntosh, Margaret I.	
Bryant, Dennis	Gray, Ellen L.		Tedesco, Renee
	Green, Cindy	Neimann, Dianne	Thomas, Cathy
Clare, Mary	Groseclose, Tina		
Corder, Rebecca		Pecore, Dan	Upton, John
Cunningham, David L.	Harrison, Douglas	Phillips, Todd W.	
Cunningham, Martha	Harshman, Cathy	Pratt, Cameron	VanDyke, William
	Holt, Gloria Joan	Proulx, Rosalie A.	Vera, Leslie Faith
English, Jennifer Cox	Holt, Scott		Vondra, Diana
	Horvath, Stephanie	Rinner, Lisa	
			Walsh, Susan
			Wilson, William Andrew

Groups, Governmental Entities & Organizations

City of Port Aransas Coastal Conservation Association of Texas

Attachment #22 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about Potential Impact to Their Quality of Life

Balentine, Glenda	Eckerling, Aaron	Lesinski, Amanda	Tipps, Robert
Belcher, Addie			Toepperwein, Traci
Blanchette, Roxanna	Gray, Ellen L.	Salg, Mary Ellen	
Branscomb, Margo		Seibert, Richard	Uhlik, Betty S.
Brundrett, Vanessa	Harrison, Douglas	Stanush, Belinda Mosty	
	Horton, Nicole	Sudderth, Sheila	Yackee, Judy H
Color Mallana I			

Cain, Melissa J.

.

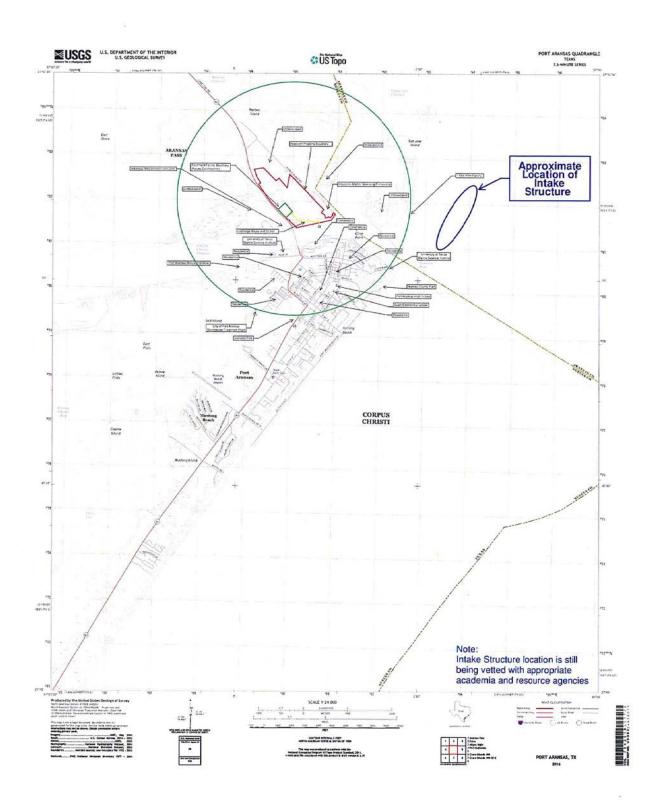
Attachment # 23 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned the Proposed Discharge will Negatively Impact Recreation

Adams, DeGraaf		Morris, John	Smith, Richard
Bassett, Delbert M.	Hallmark, Spencer Graham	Pancamo, Brett	Sodamann, Paul E. Stephens, Myra
Bonnot, Carlos S.	Holt, Scott	Pratt, Cameron	Thomas, Cathy
Carey, Robert Scott	King, James Harrison	Raper, Jimmy	Truitt, Roy L.
Clare, Mary Cramer, Thomas M.	LeLeux, John D.	Rich, Robert	Underwood, Grason
Cramer, momas M.	Loeffler, Cindy	Ruggles, John Michael	Walsh, Susan
Donovan, John Power Drake, Alyson	Machac, Terry J.	Rutterford, Brie	Wilson, William Andrew
Frisch, Mike A.	McIver, Tal Menchaca, John C.	Scott, Caroline Scott, Jeff	Zamora, Melissa

Groups, Governmental Entities & Organizations

Coastal Conservation Association of Texas Ecological Sciences Communication Initiative

Attachment #24 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Map



Executive Director's Response to Comments Port of Corpus Christi Authority of Nueces County TPDES Permit No. WQ0005253000

Attachment #25 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned about the Potential Impact to Water Temperature

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Abell, Mary Anderson	Davis, Liz	Landry, Kurt	Rangel, Louie
Altman, Mike	Dodson, Paul Edgar	Larsen, David	Rosson, Todd
Anderson, Conner	Dorsey, Craig	Leggett, Zachary	
Arzola, Pete		Litton, Chance	Sanders, Becky
	English, Terri Lee	LoBue, Joe	Schou, Billie M.
Bartlett, Stacey S.			Sharpe, Gerald B.
Baudouin, Benjamin	Gaydos, Becky L.	Machac, Terry J.	Simpson, Susan
Beaubien, Scott A.	Godfrey, Austin D.	Maindelle, Robert C.	Stevens, Lisa
Behrens, E. William	Goss, Jerry	Manchester, James	Stroker, John Stewart
Billinger, David	Griffin, Leslie	Marcyes, Tonna	Sutch, Robin
Thomas		McCall, Patrick H.	
Bird, Frances	Hatch, Donald	McGinty, Chris H.	Terrazas, Guadalupe
Branscomb, Margo	Hawkins, Lori	McHugh, Shirl	Terry, Joe
Branscomb, Rachael	Herbst, Shane		Trippet, Nancy
Brown, Gary K.	Hesselbacher, Robin	Neil, Matthew	
Brown, Sharon	Hill, Michael D.	Neimann, Dianne	Viera, Mitchell
Buferd, Rick	Hughes, Benjamin	O'Brien, Kaitlin	
Burton, Jeff	Hughes, Evan F.	Owens, Beth	Walls, Rob
		Owens, Elizabeth	Wassermann, Susan
Chapman, Tim	Johnson, Seth		Wilde, Lee Anne
Cherry, Bruce E.	Michael	Parrish, Maxey	Wildfang, Phil
Clark, Sarah	Johnstone, Cliff	Pate, Rick Door	Wofford, William H.
Clark, Warren		Pate, Teresa	
Cornwell, Randy	Kennedy, Randi	Payne, Richard	
Eugene	Kennedy, Russell	Posey, Matthew	

Groups, Governmental Entities & Organizations

Clean Economy Coalition

Attachment #26

Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned that the Discharge will Damage Redfish Bay State Scientific Area

	0	<u> </u>	
Α	Bruce, Dustin	Dorrestijn, Heather	Goldberg, Moses
Abell, Mary Anderson	Buferd, Rick	Dorrestijn, Robert	Gonzales, Refugio
Abelmann, Fred	Burton, Jeff	Doss, Camille	Gonzales, Richard
Abelmann, Nancy	Burton, Tracy	Doss, David	Gordon, Mel
Ables, Cheryl	Bussey, Art B	Dreiss, Milby J.	Goss, Jerry
Adams, Nanci	С	Dzurenda, Stephen M.	Grosse, Mark
Altman, Mike	Campbell, Robert A.		Guajardo, Anna
Amundsen, Kris	Cantu, Caitlan	E	Gutierrez, Hector
Amundsen, Lisa	Chaney, Gretchen	Echols, Connie	Н
Anderson, Conner	Chapman, Tim	Eckstrom, Matt R.	Hain, Jeffrey A.
Arnold, Cynthia	Cherry, Bruce E.	Eisele, Douglas A.	Hallmark, Spencer
Arnold, Tommie Sue	Clark, Mark	Elias, Marian A.	Graham
В	Clark, Warren	Elias, William R.	Hamilton, Sue Ellen
Baker, Angela	Cole, Chandler	English, Terri Lee	Hamm, Matthew
Baker, Brett	Collins, Lisa	Esposito, Judy	Hardink-King, Pamela
Balcom, Patsy	Conrad, Michelle	Estrada, Joe	Harris, Chester
Balcom, Paul	Corey, W. Blake	F	Harris, Deborah
Barnett, Brenda	Cornwell, Randy	Farley, Barney	Hart, Debbie
Bartlett, Stacey S.	Eugene	Flores, Ernesto M.	Hartman, Joyce Ann
Basche, Bob	Cortinas, Juanita S.	Flynn, Paul J.	Hendry, Doug
Basche, Carolyn	Craig, Tiffanie K.	Foster, Justin	Hendry, Joyce
Bassett, Delbert M.	Craig, William Shalor	Foster, Teresa	Herbst, Shane
Bauch, Lisa M.	Cramer, Thomas M.	Frazier, Chuck	Hester, Roger
Bentley, Karen K.	Crawford, Betty	Fuller, David Z.	Hewitt, Elizabeth
Bevill, Cooper	Crider, Carolee	Fulton, Cathy	Hicks, Debbie
Billinger, David	D	G	Hill, Connie
Thomas	Dahms-Nelson, Debra	Gallegos, Andrea	Hill, Greg
Billinger, Jeff	Dailey, Lucia D.	Gallegos, Sal	Hill, Michael D.
Black, Mary	Daniels, Christian	Gardner, Ann	Hood, Mariellen
Blumick, Dianna L.	Daniels, Kathaleen S.	Garrison, Peggy E.	Howard, Fred H.
Boddie, Robert Allen	DeGraaff, Judith	Gasca, Pat	Hughes, Benjamin
Bowers, Ann	De La Pena, Dwayne	Gates, Tessa	Hutchens, David
Brentlinger, Sharon	D'Olive, Eric	Gaydos, Becky L.	Huynh, Tuan
Brown, Gary K.	Donalson, Drew	Godfrey, Austin D.	
Brownell, Christine		Gourrey, Austill D.	

Attachment #26 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned that the Discharge will Damage Redfish Bay State Scientific Area

I	М	Nelson, Greg	Reader, Judith
Imhoff, Bill	Maindelle, Robert C.	Neumann, Robert	Rhea, C.
Inscore, Gordon	Marco, Sally	Neumann, Catena	Riddle, Debbie
J	Marcyes, Tonna	Nichols, Donna M.	Riddle, Trinnon
James, Theresa	Marion, J.	Noelke, Ben	Richeson, Rhonda
Johnson, Rae A.	Marion, Rachel	Novitt, John	Ritter, Carole
Johnson, Seth	Marksman, Charlene	0	Rivera, Jessica
Michael	Marksman, Edward	Oates, Norman C.	Robertson, Jimmy
Julian, Robert	Matsunami, Shelly	O'Brien, Kaitlin	Romeyn, Jacqueline
К	McDonough, Gary N.	Ocker, Gail	Rosson, Todd
Kirkman, Susan	McGinty, Chris H.	Ocker, Richard	S
Kling, Patricia J.	McIchany, Bryan	Ogle, Tesha	Sanchez, Candido
Kollman, Janet	McKeen, Daniel	Olmstead, Kevin	Sather, Dennis
Krampitz, Anita E.	McKinney, John	Ortiz, Johnny Joe	Sather, Victoria
Krampitz, John B.	Messley, Charles	Ortiz, Mary Lou	Schmalz, Della J.
Kravik, Deborah J.	Miessner, Patricia J.	Р	Schmalz, Guy
L	Miller, Katherine	Pacino, Al O.	Schou, Billie M.
– Landry, Kurt	Milner, Dana	Palmer, Sandy	Schwenk, Annette
Lanning, Bobbie L.	Mooney, Thomas W.	Pancamo, Shannon	Seiler, Bobbie K.
Larson, Deborah A.	Moore, Milby	Pantesa, Paul	Shaw, Kimberly
Layden, James D.	Mora, Susan M.	Parks, Karen	Shearer, Kimberly
Lee, Sandra	Morales, Paula G.	Parr, Denise	Sheets, Dana
Lembo, John	Morgan, Shelby	Parr, Suzanne	Shepherd, Mary
Lewis, Carol S.	Mott, Tina Moyer, Christopher	Parrish, Maxey	Sible, Amanda G.
Lindner, Dorothy	Moyer, Maria	Pate, Marnie	Simanek, Michelle
Lindner, Heather	Murrill, James B.	Payne, Richard	Smith, Barney L.
Lindner, Patrick	Murrin, James B. Myers, Barbara	Porras, Becky	Smith, Karen S.
Lindner, Richard	Myska, Glen Allen	Powers, Tiffiny	Smith, Lou Ann
Litton, Chance	-	Price, Callan	St. Clair, Michael
LoBue, Joe	N	Proulx, Keith W.	St. Clair, Susan
Lopez, Analisa	Nagy, Diane E.	Proulx, Rosalie A.	Stegenga, Corinne
Lopez, Robin	Nangle, Dolores I.	R	Stockton, Rick
Lyerly, Diane	Neagle, Joshua	Randazzo, Joseph	Stressman, Neil
	Neil, Matthew		Stroman, Martha V.

Ray, Harper

Attachment #26 Port of Corpus Christi Authority of Nueces County, WQ0005253000 Persons Concerned that the Discharge will Damage Redfish Bay State Scientific Area

Т	U	Weber, Mary J.	Z
Tamayo, Elvia	Uhlik, Betty S.	Wheatley, Lee A.	Zadra, Jeffery D.
Taylor, Monica	Uhlik, Daniel	White, James I.	Zamora, Mary
Teague, Marina	V	White, Marla J.	Zufall, Cindy
Teague, Troy	Vanecek, Cassie	Wilde, Lee Anne	Zufall, John
Terrazas, Guadalupe	Vanecek, Jared	Wildfang, Phil	
Terry, Joe	Viera, Mitchell	Wisham, Linda B. Wysocki, Mark	
Thompson, John	Vondra, Diana		
Thornburg, Vicki L.		Y	
Tibbetts, Michael J.	Vondra, Glenn		
Tillman-Ruiz, Teresa	W	Yorek, Stacy	
Treme, Tabetha	Walls, Rob		
Tuan, Yuny	Walpole, Kenny		
Turk, Cathy	Walpole, Refugia		
Turk, Merwin	Washko, William E.		