

10.0 REFERENCES, ABBREVIATIONS, INDEX, AND GLOSSARY

10.1 REFERENCES

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LIST OF ABBREVIATIONS

ADP	Area Development Plan
AIC	Agency Information Consultants
AOU	American Ornithologists' Union
AST	aboveground storage tank
AWOIS	Automated Wreck and Obstruction Information System
BA	Biological Assessment
BEG	U.S. Bureau of Economic Development
BNSF	Burlington Northern Santa Fe Railway
BU	Beneficial Use
BUW	Beneficial Uses Workgroup
CAR	Center for Archaeological Research
CAW	Cumulative Assessment Workgroup
CBBF	Coastal Bend Bays Foundation
CBD	central business district
CCBNEP	Corpus Christi Bay National Estuary Program (now the Coastal Bend Bays & Estuaries Program (CBBEP))
CCRCS	Corpus Christi Rincon Canal System
CCSC	Corpus Christi Ship Channel
CCSCCIP	Corpus Christi Ship Channel – Channel Improvements Project
CCTR	Corpus Christi Terminal Railroad
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act (1980)
CERCLIS	EPA's Comprehensive Environmental Response, Compensation, and Liability Information System
CFR	Code of Federal Regulations
CIP	Capital Improvement Program
CLF	civilian labor force
CORRACT	RCRIS Corrective Action Database
CW	Contaminants Workgroup
dBA	A-weighted decibel
DEIS	Draft Environmental Impact Statement
DoD	Department of Defense
EA	Environmental Assessment
EFH	Essential Fish Habitat
EIS	Environmental Impact Statement
EJ	Environmental Justice

EO	Executive Order
EPA	U.S. Environmental Protection Agency
ERDC	U.S. Army Engineer Research and Development Center
ERL	Effects Range Low
ERNS	Emergency Response Notification System
ESA	Endangered Species Act (1973)
ETJ	extra-territorial jurisdiction
FEIS	Final Environmental Impact Statement
FEMA	Federal Emergency Management Agency
FINDS	Facility Index System
FMP	Fisheries Management Plan
FR	Federal Register or Feasibility Report
FS	Feasibility Study
FWS	U.S. Fish and Wildlife Service
GIWW	Gulf (of Mexico) Intracoastal Waterway
GLO	Texas General Land Office
GMFMC	Gulf of Mexico Fishery Management Council
HSMW	Hydrodynamic and Salinity Modeling Workgroup
HTRW	Hazardous, Toxic, Radioactive Waste
IH	Interstate Highway
ISO	Insurance Services Office, Inc.
JFITC	Joe Fulton International Trade Corridor
JFK	John F. Kennedy (Causeway)
L_{dn}	day-night sound level
LPUST	leaking petroleum underground storage tank
LQG	large quantity generator
mcy	million cubic yards
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
MLT	mean low tide
mph	miles per hour
MSF	Magnetic Silencing Facility
MSFCMA	Magnuson-Stevens Fishery Conservation and Management Act
MSL	mean sea level
MW	Mitigation Workgroup
NAAQS	National Ambient Air Quality Standards
NGVD	National Geodetic Vertical Datum
NEPA	National Environmental Policy Act

NFRAP	No Further Remedial Action Planned
NIS	Non-Indigenous Invasive Species
NISA	National Invasive Species Act
NMFS	National Marine Fisheries Service
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NPS	National Parks Service
NRCS	Natural Resources Conservation Service
NRHP	National Register of Historic Places
NWI	National Wetlands Inventory
NWPCP	National Wetlands Priority Conservation Plan
NWR	National Wildlife Refuge
OAQPS	(EPA) Office of Air Quality Planning and Standards
PA	dredged material placement area
PAH	polycyclic aromatic hydrocarbons
PCB	polychlorinated biphenyl
PCCA	Port of Corpus Christi Authority
PCE	perchloroethane
PM	particulate matter
ppb	parts per billion
ppt	parts per thousand
RACT	Regulatory Agency Coordination Team
RCRA	Response Conservation and Recovery Act
RCRA-GEN	RCRA Generators Sites
RCRIS	EPA's Resource Conservation and Recovery Information System
RIA	Regional Implementation Agreement
RIP	Rincon Industrial Park
SAL	State Archeological Landmark
SAV	submerged aquatic vegetation
SEW	Shoreline Erosion Workgroup
SH	State Highway
SHPO	State Historical Preservation Officer
SOC	Species of Concern
SQG	Sediment Quality Guidelines
SQT	Sediment Quality Triad
SWL	Solid Waste Landfill
TAAS	Texas Agricultural Statistics Service

TARL	Texas Archeological Research Laboratory
TCMP	Texas Coastal Management Program
TDH	Texas Department of Health
TDWR	Texas Department of Water Resources
THC	Texas Historical Commission
TMDL	total maximum daily load
TNRCC	Texas Natural Resource Conservation Commission
TOC	total organic carbon
TOES	Texas Organization for Endangered Species
TOS	Texas Ornithological Society
TPH	total petroleum hydrocarbons
TPWD	Texas Parks and Wildlife Department
TSD	Treatment, Storage or Disposal (TSD) database
TSDC	Texas State Data Center
TWC	Texas Workforce Commission
TWDB	Texas Water Development Board
TWQS	Texas Surface Water Quality Standards
TXBCD	Texas Biological and Conservation Data System
TxDOT	Texas Department of Transportation
μg/kg	micrograms per kilogram
μg/l	micrograms per liter
UPRR	Union Pacific Railroad
U.S.	United States
UCPA	Upland Confined Placement Area
USACE	U.S. Army Corps of Engineers
USBEA	U.S. Bureau of Economic Analysis
USBOC	U.S. Bureau of Census
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey
UST	underground storage tank
VFD	volunteer fire department
VOC	volatile organic compound

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The following definitions are for the convenience of those reading this Environmental Impact Statement and do not replace definitions in State, Federal, or local laws, regulations and ordinances.

benthos – Aquatic bottom dwelling organisms which include worms, leeches, snails, flatworms, burrowing mayflies, clams.

bioaccumulation – The accumulation of contaminants in the tissues of organisms through any route, including respiration, ingestion, or direct contact with contaminated water, sediment, or dredged material.

biomass – The mass of living material in a given area or volume of habitat.

brackish water – A mixture of fresh and salt water.

coastal zone – Coastal waters and adjacent lands that exert a measurable influence on the uses of the sea and its ecology.

contaminant – A chemical or biological substance in a form that can be incorporated into, onto, or be ingested by and that harms aquatic organisms, consumers of aquatic organisms, or users of the aquatic environment.

crustacean – A group of aquatic animals characterized by jointed legs and a hard shell which is shed periodically, e.g., shrimp, crabs, crayfish, isopods, and amphipods.

dredged material – Material excavated from waters of the United States or ocean waters. The term dredged material refers to material which has been dredged from a water body, while the term sediment refers to material in a water body prior to the dredging process.

effluent – A discharge of pollutants into the environment, partially or completely treated or in its natural state. Generally used in regard to discharges into waters.

EIS – Environmental impact statement. A document prepared on the environmental impact of actions significantly affecting the quality of the human environment and used as a tool for decision-making.

family household – A household maintained by a householder who is in a family.

floodplain – The flat, low-lying portion of a stream valley subject to periodic inundation.

groundwater – The supply of freshwater under the earth's surface in an aquifer or soil that forms the natural reservoir for man's use.

group quarters – Noninstitutional living arrangements for groups not living in conventional housing units or groups living in housing units containing ten or more unrelated people

habitat – The specific area or environment in which a particular type of plant or animal lives. An organism's habitat provides all of the basic requirements for the maintenance of life. Typical coastal habitats include beaches, marshes, rocky shores, bottom sediments, mudflats, and the water itself.

infauna – Animals which live within the sediment of the sea bottom.

isopod – A small, flattened crustacean belonging to the order Isopoda.

lagoon – A shallow body of seawater generally isolated from the ocean by a barrier island. Also the body of water enclosed within an atoll, or the water within a reverse estuary.

larva (pl. **larvae**) – An embryo that differs markedly in appearance from its parents and becomes self-sustaining before assuming the physical characteristics of its parents.

lead – A heavy metal that may be hazardous to human health if breathed or ingested.

mercury – A heavy metal, highly toxic if breathed or ingested. Mercury is residual in the environment, showing biological accumulation in all aquatic organisms, especially fish and shellfish. Chronic exposure to airborne mercury can have serious effects on the central nervous system.

non-family household – A household maintained by a householder who is not in a family.

open-water disposal – Placement of dredged material in rivers, lakes, estuaries, or oceans via pipeline or surface release from hopper dredges or barges.

organism – Any living human, plant, or animal.

particulate matter – very fine solid or liquid particles in the air or in an emission, including dust, fog, fumes, mist, smoke, and spray, etc.

PCB – Polychlorinated biphenyls, a group of organic compounds used in the manufacture of plastics. In the environment, PCBs exhibit many of the same characteristics as DDT and may, therefore, be confused with that pesticide. PCBs are highly toxic to aquatic life, they persist in the environment for long periods of time and are biologically accumulative.

“permitted” – Used by TNRCC personnel to mean 1) required to have a permit from the TNRCC or 2) having received such a permit through a process that includes a written application and a formal review by the agency.

phytoplankton – Plantlike, usually single-celled members (generally microscopic) of the plankton community.

plankton – Drifting or weakly swimming organisms suspended in water. Their horizontal position is to a large extent dependent on the mass flow of water rather than on their own swimming efforts.

runoff – The portion of rainfall, melted snow, or irrigation water that flows across ground surface and eventually is returned to streams. Runoff can pick up pollutants from the air or the land and carry them to receiving waters.

sediment – The layer of soil, sand, and minerals at the bottom of surface water that absorbs contaminants.

shoalgrass – Seagrass species (*Halodule beaudettei*); submerged perennial, restricted to shallow, saline coastal bays.

Superfund – The common name used for the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

surface water – Water on the earth's surface exposed to the atmosphere as rivers, lakes, streams, and oceans.

TNRCC – Texas Natural Resource Conservation Commission. On September 1, 1993, the Texas Air Control Board, Texas Water Commission, and parts of the Texas Department of Health merged and became the TNRCC.

toxic pollutant – Pollutants, or combinations of pollutants, including disease-causing agents, that after discharge and upon exposure, ingestion, inhalation, or assimilation into any organism, either directly from the environment or indirectly by ingestion through food chains, will, on the basis of information available to the Administrator of the U.S. Environmental Protection Agency, cause death, disease, behavioral abnormalities, cancer, genetic mutations, physiological malfunctions, or physical deformations in such organisms or their offspring.

TPDES – Texas Pollutant Discharge Elimination System. The major program for regulating municipal and industrial wastewater discharges through the permitting of wastewater treatment facilities. In 1998, TNRCC took over the administration of this program in Texas, formerly the NPDES, administered by the U.S. EPA.

turbidity – An optical measure of the amount of material suspended in the water. Increasing the turbidity of the water decreases the amount of light that penetrates the water column. High levels of turbidity may be harmful to aquatic life.

wetlands – Areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support and that, under normal circumstances, do support a prevalence of vegetation typically adapted for life in saturated-soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas (40 CFR Part 230), especially areas preserved for wildlife, zooplankton (planktonic animals that supply food for fish).

VOC – Volatile organic compounds. Secondary petrochemicals, including light alcohols, acetone, trichloroethylene, perchloroethylene, dichloroethylene, benzene, vinyl chloride, toluene, and methylene chloride, which are used as solvents, degreasers, paint thinners, and fuels. Because of their volatile nature, they readily evaporate into the air, increasing the potential exposure to humans. Due to their low water solubility, environmental persistence and widespread industrial use, they are commonly found in soil and groundwater.

zooplankton – Animal members of the plankton community.

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