

SOAH DOCKET NO. 582-22-0585
TCEQ DOCKET NO. 2021-1001-MWD

APPLICATION BY
CITY OF GRANBURY,
FOR TPDES PERMIT NO.
WQ0015821001

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BEFORE THE STATE OFFICE
OF
ADMINISTRATIVE HEARINGS

EXHIBIT GF-501

GUS W. FROSSARD

803 Mallard Pointe Dr.
Granbury, Texas 76049
(817) 994-0748

DATE OF BIRTH:

July 4, 1953
Madisonville, Texas

EDUCATION:

Colorado State University
Bachelor of Science, Natural Resources Management
Fort Collins, Colorado
1974 - 1976

Stephen F. Austin State University
Nacogdoches, Texas
1972 - 1974

Madisonville High School
Madisonville, Texas
May 1972

Introduction to Grass and Grassland GIS System
The Center for Advanced Spatial Technologies
University of Arkansas - Fayetteville
July 1996

Zoo Plankton and Macro Invertebrate Identification
North American Lakes Management Society
Toronto, Canada
November 1995

Rapid Bio-Assessment Training
U.S. Environmental Protection Agency
Bandera, Texas
March 1995

Algal Identification
North American Lake Management Society
Seattle, Washington
December 1993

Watershed Modeling using SWRRB and EPIC

U.S. Department of Agriculture, ARS, Texas A&M University
Temple, Texas
1992

Water Quality Modeling with WASP
University of Texas at Austin
College of Engineering
Austin, Texas
June 1988

Habitat Evaluation Procedure Training
U.S. Fish and Wildlife Service
Arlington, Texas
June 1980

Park, Recreation and Environmental Design
Texas A & M University Short Course
College Station, Texas
August 1979

PROFESSIONAL EXPERIENCE:

Tarrant Regional Water District
November 1979 to present

Environmental Services Division Director
August 1987 to present

Responsible for all environmental functions of the District. The Water District is a political subdivision of the State of Texas. It is responsible for the supply of raw drinking water to a large portion of Tarrant County, Texas with the District's major customers being the Trinity River Authority of Texas and the cities of Fort Worth, Arlington and Mansfield. The environmental functions include water quality, waste control, watershed management, oil and gas pollution, and emergency response. The watershed management consists of environmental planning and permitting for the five major reservoirs and two minor reservoirs and their associated watersheds covering 3,500,000 acres. This includes the design and implementation of a Water Quality Management Program for each reservoir and its associated watershed. This program comprises field monitoring of water quality and computer modeling of water quality in the lakes and streams of the various watersheds to assess the need for pollution control. This position requires representation and liaison with the federal and state agencies responsible for implementation of all environmental laws and regulations. This is to insure that the District complies with and stays informed on all new laws and regulations affecting the supply or quality of water the District is responsible for to our service area. In that capacity, I work directly with the various applicants and/or their representatives and the TCEQ staff to try and mediate an outcome that allows the TPDES permit to move forward and still protect the water quality of the receiving waters. Examples of TCEQ staff include : Mr. Firoj Vahora, Mr. Louis Herrin, III, and Mr. Jim Michalk.

This Division is also responsible for implementation of the Phase I MS4 permit issued to the District in 1996. We are responsible for stormwater discharges within our jurisdiction within the City of Fort Worth. This jurisdiction is mainly the Trinity River system within the City. With this responsibility, we also monitor bacteria counts to provide the public on a weekly basis for the recreational use of the river.

I was appointed in 2008 as a member of the Trinity River Bay and Basin Expert Science Team and continue to serve in that capacity.

I have continued to take workshops and training sessions throughout my career. The latest example would be the NALMS Ecology of Cyanobacteria workshop, November, 2021.

**TRV Program Director
2007 to present**

Provide guidance, leadership, and technical direction in execution of project components included in the Trinity River Vision Program. Continually develop, refine, and execute the scope of the Trinity River Vision Program components in response to evolving organizations, communities, and development. Design and construction of program components.

**Oil and Gas Property Manager
September 1985 to August 1987**

Responsible for acquisition of all property and resolution of all conflicts associated with the oil and gas properties within the Richland-Chambers Reservoir. This included power lines, oil and gas pipelines, water pipelines, telephone long distance cables, and oil and gas wells located within the boundaries of the reservoir. The oil and gas conflicts required designs, plans and evaluation of costs for the alternatives of acquisition and plugging of the wells or raising and servicing of the wells within the boundaries of the reservoir. Representation with federal, state and local governmental entities was made to assure that the District was in compliance with all state and federal laws and regulations. The resolution of this conflict required negotiation with over 40 oil and gas companies in acquiring ownership of 800 wells. A plugging program was designed so that accomplishment of the Richland-Chambers Reservoir project was completed on schedule. The overall program for the oil and gas conflict resolution was budgeted at 50 million dollars.

**Acting Manager/Real Estate Division
June 1982 to September 1985**

Responsible for acquisition of property necessary for the Richland-Chambers Reservoir. This included property required for reservoir construction, mitigation land as required by the federal permit and relocations such as power lines, pipelines, and highways. Responsibility consisted of all liaison between federal and state entities and the Water District.

**Manager of Technical Support Services
November 1979 to June 1982**

Responsible for environmental planning and management of the projects owned or operated by the District.

Specifically responsible for EIS preparation, environmental studies, negotiations, contract administration, and acquisition of all federal and state permits required for the Richland-Chambers Reservoir. This included trial preparation and expert testimony in the successful defense of the federal permits in U.S. District Court.

**Trinity River Authority of Texas
Wildlife Biologist
May 1978 to November 1979**

Responsible for development of management plans for wildlife management areas. Participated with various federal and state governmental agencies in determining impacts of projects on fish and wildlife and their habitat. Determined the amount and location of mitigation lands to compensate for damage from impacts of projects.

Co-Project Coordinator for the Richland-Tehuacana Reservoir Environmental Assessment. This project required interdisciplinary coordination of technical input from five individuals and was author of seven chapters of the document.

**City of Houston, Texas
Air Pollution Control
Environmental Technician
March 1977 to May 1978**

Responsible for enforcement of local ordinances and laws under the Texas Clean Air Act. Supervised sampling team and air sampling of specific sources of the Houston Ship Channel and surrounding areas. Responsibilities included annual compliance inspections of companies in the channel industrial area and reducing dust emissions to compliance levels in major cement companies.

PUBLICATIONS: Authorship:

“Integration of Nonpoint Source, River and Reservoir Models for use in Watershed Assessments”, Southeastern Lakes Management Conference, March 1996.

“Upper Kechi Project - Vegetational and Habitat Survey for Mitigation Requirements”, the Trinity River Authority of Texas, July 1978.

“Field Survey and Analysis of the Aeration Potential of Five Existing Lock and Dams along the Trinity River”, the Trinity River Authority of Texas, 1978.

“West Fork of the Trinity River Greenbelt Parkway - Baseline Study and Analysis”, the Trinity River Authority of Texas, December 1978.

Contributing Authorships:

“Use of Constructed Wetlands for Protection of Water Quality in Water Supply Reservoirs”, AWWA Research Foundation and American Water Works Association, July 1996.

“Constructed Wetlands to Supplement and Protect a Texas Water Supply”, Land and Water, January/February 1996.

“Use of Constructed Wetlands to Supplement and Protect a North Central Texas Water Supply”, Water Environment Federation, December 1995.

“Feasibility Study of an Ecological Water Treatment System for Removal of Nutrients”, American Water Resources Association, November 1995.

“Nutrient Limitations and Eutrophication Modeling on North Central Texas Reservoirs”, American Water Resources Association, November 1995.

“Influence of Pilot-Scale Constructed Wetland on Natural Organics and Nutrient Concentrations”, American Waterworks Association, November 1994.

“Comparison of Two Water Quality Models”, Water Environment & Technology, November 1994.

“Comparison of Nonpoint Pollutant Loadings from Geographic Information System Modeling and Wet Weather Stream Flow Monitoring”, Lake and Reservoir Management, 9(1): 79-84, 1994.

“Small Watershed Modeling and Assessment Using GIS”, Comprehensive Watershed Management Conference, Oklahoma, 1994.

“Richland-Tehuacana Project, Environmental Assessment, Trinity River Basin, Texas”, the Trinity River Authority of Texas, April 1979.

“Trinity Basin Water Quality Management Plan-Volume II, Plan Summary Report”, the Trinity River Authority of Texas, 1978.

“Trinity Basin Water Quality Management Plan. Appendix II-A Environmental Assessment”, the Trinity River Authority of Texas, 1978.

PAST CERTIFICATIONS:

Certified Professional Lake Manager - North American Lake Management Society

Certified Professional Ecologist - Ecological Society of America.

Certified Associate Wildlife Biologist - The Wildlife Society.

Certified in Habitat Evaluation Procedures - U.S. Fish and Wildlife Service, Department of Interior.

AWARDS:

Texas Award for Historic Preservation