

**Resume  
Of  
Larry Dunbar**

**Attachment 5**

**LAWRENCE G. DUNBAR, P.E.**  
Water Resources/Environmental Engineer/Consultant  
6342 Dew Bridge Drive  
Sugar Land, TX 77479  
281-980-2225  
713-782-5544 (fax)

## **EDUCATION**

- B.S. - University of Notre Dame  
1975 - Civil Engineering
- M.S. - Illinois Institute of Technology  
1981 - Environmental Engineering
- J.D. - University of Houston  
1989 - Law

## **WORK HISTORY**

- 1988 to Present - Lawrence G. Dunbar, P.E. (Houston, TX)  
Water Resources/Environmental Engineering Consultant
- 1986 to 1988 - Espey Huston & Associates (Houston, TX)  
Water Resources Group Leader
- 1984 to 1985 - State of Indiana (Indianapolis, IN)  
Section Head of Dam Inspection and Lake Permitting
- 1983 to 1984 - Espey Huston & Associates (Austin, TX)  
Water Resources Engineer
- 1981 to 1982 - Keifer Engineer, Inc. (Chicago, IL)  
Water Resources Engineer
- 1975 to 1981 - U.S. Army Corps of Engineers (Chicago, IL)  
Flood Control Section Chief, Hydrology and Hydraulics Branch

## **FIELDS OF EXPERIENCE**

Flood Control	Water Quality
Drainage	Wetlands
Stormwater Management	Landfills
Floodplain Analysis/Management	Land Development
Reservoir Regulation	Coastal Engineering
Stream Hydrology/Hydraulics	Unsteady Flow Modeling
Watershed Modeling	Water/wastewater systems
Flood Forecasting	

## **PROFESSIONAL ACTIVITIES**

Licensed Professional Engineer in Texas since 1983 (previously in Illinois and Indiana)

American Society of Civil Engineers

Association of State Floodplain Managers

## **TECHNICAL PUBLICATIONS**

"Hydrologic and Hydraulic Analyses for a Major Urban Flood Control Study"  
Proceedings of the International Symposium on Urban Hydrology, Hydraulics and  
Sediment Control, Lexington, Kentucky, July 1982

"Hydrologic Methodology for Evaluating Urban Development"  
National Water Conference, Univ. of Delaware, July 1989

## **EXPERIENCE EXAMPLES**

Technical expert for Corps of Engineers during U.S. Supreme Court hearings on Lake Michigan Diversion lawsuit between Illinois and Wisconsin

Project manager of Corps of Engineers' review and permitting of Chicago's \$2B Deep Tunnel Project to control storm water/waste water discharges

Project manager for flood control project in Manila, Philippines

Project manager for development of Master Drainage Plans and the Drainage Criteria Manual for Fort Bend County

Frequent seminar speaker throughout Texas on current issues involving storm water regulations

Expert witness in numerous judicial and administrative proceedings on behalf of cities, counties, developers, engineers, and land owners regarding water resource/environmental engineering issues

Consultant to various water, utility and drainage districts

LARRY G. DUNBAR  
SUGAR LAND, TEXAS 77479  
Home: 281/980-2225  
Work: 713/782-4646

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RESUME

**EDUCATION**

- J.D.           University of Houston Law Center  
December, 1988
- M.S.           Illinois Institute of Technology  
1981 - Environmental Engineering
- B.S.           University of Notre Dame  
1975 - Civil Engineering

**EXPERIENCE**

- 1997 to present    **Partner**  
DUNBAR, HARDER & BENSON, L.L.P.  
Houston, Texas
- 1994 to 1997       **Partner**  
DUNBAR, PRICE & HARDER  
Houston, Texas
- 1990 to 1993       **Associate**  
MORRIS, TINSLEY & SNOWDEN  
(after merger in 1992 became Morris, Lendais, Hollrah & Brown)  
Houston, Texas)
- 1989 to 1990       **Associate**  
EVANS, KOSUT, REED & WITHERSPOON  
Houston, Texas
- 1988 to present    **Private Consultant**  
WATER RESOURCES AND ENVIRONMENTAL ENGINEERING  
Sugarland, Texas

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- 1986 to 1988      Water Resource Group  
ESPEY, HUSTON & ASSOCIATES, INC.
- 1983 to 1984      TEXAS WATER RESOURCES GROUP  
Austin/Houston, Texas
- 1984 to 1985      Engineering Department - (Staff Engineer)  
INDIANA BOARD OF HEALTH, LAND POLLUTION CONTROL  
DIVISION
- Dam Inspection and Lake Permitting Section, (Section Head)  
INDIANA DEPARTMENT OF NATURAL RESOURCES, DIVISION  
OF WATER
- 1982                Water Resources Group  
KHIFER ENGINEER, INC.  
Chicago, Illinois
- 1975-1981        Hydrology and Hydraulics Branch, (Chief, Flood Section)  
U. S. ARMY CORPS OF ENGINEERS,  
Chicago District

**EXPERIENCE**

Legal

Areas of practice include:

- Environmental
- Drainage
- Corporate
- Real Estate
- Tort Litigation (including DTPA)
- Water

Technical

(Fields of Experience)

- Flood control/drainage
- Stormwater management
- Floodplain management
- Reservoir regulation
- Stream hydrology/hydraulics
- Flood forecasting
- Coastal engineering
- In-stream water quality
- Water supply/distribution
- Wastewater collection
- Hazardous/solid waste management
- Land Development

(Job Assignments)

- Planning studies
- Design plans/specifications
- Computer modelling
- Operating/maintenance activities
- Project management
- Supervision of employees
- Permitting activities
- Establishment of design criteria
- Review/interpretation of legislation
- Construction inspection and management
- Marketing of engineering services
- Contract administration and services

(Regulatory Agencies)

Federal

- U.S. Army Corps of Engineers
- U. S. Environmental Protection Agency
- Federal Emergency Management Agency

State

- Illinois (IDWR, IEPA, ISWS)
- Indiana (IDNR, IBOH)
- Wisconsin (WDNR)
- Texas (TWDB, TNRCC, TPWD)
- Louisiana (LDOTD)

Local

- Numerous cities, counties, utility districts, water districts, levee districts, river authorities, and planning commissions.

(Legal Proceedings)

- Technical expert for Corps of Engineers during U. S. Supreme Court hearings on Lake Michigan Diversion lawsuit between Illinois and Wisconsin.
- Expert witness in federal district court lawsuit concerning flood damages in Odem, Texas
- Expert witness in state district court hearings on establishing lake levels in Indiana
- Expert witness in a Texas Water Commission hearing concerning water rights dispute and a water withdrawal permit.
- Expert witness in a Texas Parks and Wildlife hearing concerning a sand and gravel permit involving flooding issues.
- Expert witness in a landfill application hearing near Dallas, Texas regarding floodplain issues.
- Expert witness to Plaintiff's attorney in drainage case involving subdivision near Dallas, Texas.
- Expert witness for Fort Bend County in case involving localized drainage issues.



- Expert witness for protestants of a proposed landfill in Houston, Texas regarding floodplain and drainage issues.
- Consultant to plaintiff's attorney in flood case along Greens Bayou involving floodplain issues.
- Consultant to defendant's attorney in flood case along Clear Creek involving floodplain issues.
- Consultant to plaintiff's attorney in flood case along Spring Creek in Woodlands, Tx
- Consultant to Fort Bend County in case involving county landfill.
- Expert witness for defendant's attorney in flood case along Buffalo Bayou.
- Expert witness for opponent to Harris County Boot Camp near Katy, Texas regarding floodplain and drainage issues.

#### PROFESSIONAL ACTIVITIES

##### Professional Societies and Associations

American Bar Association (Section on Natural Resources, Energy and Environmental Law)

Texas Bar Association (Section on Environmental and Natural Resources Law)

American Society of Civil Engineers (Water Laws Committee)

##### Technical Publications

*"The Effects of Increased Lake Michigan Diversion at Chicago on Downstream Flooding"*, M.S. Thesis, Illinois Institute of Technology, November 1980

*"Hydrologic and Hydraulic Analyses for a Major Urban Flood Control Study,"* Proceedings of the International Symposium on Urban Hydrology, Hydraulics and Sediment Control, Lexington, Kentucky, July 1982 (with C. Shadie)

*"Hydrologic Methodology for Evaluating Urban Development,"* presented at the National Water Conference, University of Delaware, July 1989 (with Leo Beard)

*"Proper Use of Effective Flow Boundaries,"* presented at the National Water Conference, Univ. Of Delaware, July 1989 (with D. Patterson)