

**DAVID M. HENDRON, P.E.**

**Geotechnical Engineering  
Hydrogeology and Geo-environmental engineering  
Construction inspection/management  
Foundation design and renovation  
Landfills  
Ponds and lagoons  
Litigation support**

## **EDUCATION**

Massachusetts Institute of Technology: Special Studies, 1971  
University of Illinois: M.S., Geotechnical Engineering, 1968  
University of Kentucky: B.S., Civil Engineering, 1966

## **PROFESSIONAL HISTORY**

Northwestern University, Adjunct Professor in Civil Engineering Department, Case Histories Course in Geotechnical Engineering, 2014 Spring Quarter.  
SCS Engineers, Senior Professional, Northfield, Illinois, December 2007 – to date (May 2014)  
Exponent Failure Analysis, Senior Managing Engineer, Wooddale, Illinois office, July 2006 – December 2007  
Geosyntec Consultants, Branch Manager and Principal, Chicago, Illinois office, 1995-July 2006  
Camp Dresser & McKee, Chicago, Illinois, Vice President, 1994-1995  
Woodward-Clyde Consultants, Chicago, Illinois, Regional Manager and Senior Principal, 1968-1994

## **REGISTRATION**

Illinois - #062-053201  
Indiana - #10000050  
Wisconsin – #34902-006

## **REPRESENTATIVE EXPERIENCE**

Mr. Hendron has over 40 years of experience. He has experience working across the US and in Israel, Columbia, Mexico and Peru. His engineering practice has included major projects involving geotechnical engineering, hydrogeology (including extensive projects involving groundwater contamination and remediation studies), surface water hydrology, solid and hazardous waste management, litigation support/expert witness testimony, and regulatory interface with numerous local, state and federal regulatory agencies. During this time, Mr. Hendron has worked on hundreds of varied multi-disciplined projects and has served as the project manager and project director to successfully complete the work to the satisfaction of his clients. Mr. Hendron has been and continues to be an active practitioner of geotechnical and geo-environmental engineering. Brief summaries of typical projects on which Mr. Hendron has had responsible charge for the work follow.

### **Geotechnical Engineering and Foundation design and renovation**

**Central Artery Tunnel Project, Boston, Massachusetts** – Mr. Hendron was (March 2002) selected by the Massachusetts Turnpike Authority to serve as the Geotechnical engineering consultant in the review of contractor claims for additional compensation on the Central Artery Tunnel Project, also known as the Big Dig Project. At present, the project construction cost is approximately \$14.6 billion.

On this project, Mr. Hendron provided technical review of a \$28,000,000 extra claim by the contractor for a 232-ft section of 90-ft deep cut and cover tunnel excavation that was completed within 10-ft of a 36 story building. The work on the project involved the review of the design and construction of steel pile reinforced concrete structural slurry wall. A Disputes Resolution Board heard the case in June 2002 and the DRB ruled completely in favor of the owner, MTA. The claim was ruled to be unfounded and the contractor was not awarded any compensation for the claim.

**Liquefaction Stability analyses** – Mr. Hendron has performed liquefaction stability analyses on three major power plant projects. The projects include:

- Braidwood Nuclear Station - Braidwood, Illinois
- Clinton Nuclear Station – Clinton, Illinois
- Nitzanim Power Plant Site – Israel

**Confidential Pipeline Project, South America** - Mr. Hendron was recently involved in a stability analysis for foundations along a several hundred mile long pipeline project

in South America. The work included document review, site inspections and performance of stability analyses for static and seismic loadings.

**Geotechnical Investigations for the Hudson River Expressway, Tarrytown, New York** – Mr. Hendron assisted in large geotechnical investigations for the Hudson River Expressway that was to run from the Tappan Zee Bridge northward to Ossining, New York. The work was done for the design engineer for the New York State Department of Transportation. Mr. Hendron's responsibilities included the full range of field and office activities. Design elements included dredging of deep organic sediments along the alignment, slope stability and foundation settlement studies at critical points of the alignment, pile and caisson support for bridge sections, design of retaining structures along the alignment and other such activities. Mr. Hendron was involved with the project for more than 3 years and was very active with NYDOT staff in the design decisions.

**Construction Delay Claim Litigation Support, Springfield Landfill, Springfield, Mo.** – Mr. Hendron provided expert evaluation of a several million dollar construction delay claim brought by a contractor against the city of Springfield, Mo. The delay claim involved construction of a 60,000 cu yd clay liner for the city's expansion of their solid waste landfill. Mr. Herndon's work, done on behalf of the city, consisted of review of the available documents and the provision of an opinion on the merit of the contractor's claim. Mr. Hendron concluded that the delay resulted from a fundamental error in the laboratory testing performed by a subcontractor to the city's engineer on the project. As a result of Mr. Herndon's findings, the case was successfully settled without extended litigation time and expense.

**Foundation Slab Uplift, Confidential Client, Elmhurst, Il** – Mr. Hendron is a consultant to a contractor that built a \$50,000,000 new facility with an 80,000 ft<sup>2</sup> footprint. As part of construction in 1998-99, a 4-ft thick compacted structural fill was placed under the first floor slab. Since construction, portions of the first floor slab have lifted approximately 2-inches causing distortion of walls, trim and door frames. Mr. Hendron is presently (May 2002) making an evaluation of the cause of the uplift and will then propose a plan for remediation of the problem.

**Davis Besse Nuclear Power Station, Toledo, Ohio** – Mr. Hendron was involved with soil and rock mechanics design of facilities at the Davis Besse Nuclear Power Station (DB) near Toledo, Ohio. Mr. Herndon's activities included foundation design for all of the facilities at the plant, slope stability, detection of solution features in the relatively highly soluble bedrock formations in the area, design and implementation of extensive grouting of foundation areas that were found to contain solution features and numerous

other technical activities. Grouting activities also included remedial grouting of foundation for a 500-ft high cooling tower and for a cooling water return channel failure that resulted in leakage of more than 2000 gal/minute loss from the channel. The DB plant was placed in operation in about 1972 and continues in operation at this time.

**Foundation Failure at an Industrial Facility, Chicago Area, II** – Mr. Hendron is currently involved with a study of the cause of a foundation failure for a major industrial facility in the Chicago Area of Illinois. The foundation failure involves both settlement and heave of large shallow mat foundations for high temperature ovens and other associated equipment. The heave and settlement movements have been approximately 6 to 8 inches. Design studies completed by others estimated that movements were expected to be approximately 0.5 inch of settlement. The foundations are supported by approximately 30 to 40 ft of highly variable slag material that was improved using special equipment methods and equipment. Mr. Hendron and his staff have completed the analysis of available data. The results show that settlements have resulted from poor compaction of the slag using the equipment and methods selected and that heave has resulted from chemical reactions in newly placed slag material in one area of the facility site. Mr. Hendron is now involved in the selection of a foundation remediation that will deal with the heave movements. The remediation will most likely involve the use of chemical mixtures to cause the heave reaction to cease.

**Pleasant Company Distribution Center, Middletown, Wisconsin** – Mr. Hendron was involved with the evaluation of the cause of major settlement of a 100,000 ft<sup>2</sup> distribution center addition for the Pleasant Company in Middletown, Wisconsin. The building was constructed in 1995 and has experienced approximately 24 inches of settlement in one portion of the structure. Mr. Hendron has been involved in the studies to understand the cause of the settlement that have occurred and the, analysis of the long term stability of the structure and the selection of methods to remedy the structure to deal with the safety concerns posed by the settlements that have occurred and those that are considered likely to occur in the future. The problem found to be causing the settlement was identified; the long-term remedy was selected and designed; and the remedy process was successfully completed. Mr. Herndon's had overall responsibilities for direction and conduct of the technical work on the project.

### **Hydrogeology and Geo-environmental Engineering**

**Gilbert and Mosley Site; Wichita, Kansas** – Mr. Hendron was a consultant to the City of Wichita, Kansas in their cleanup of the Arkansas River alluvium in the area of downtown Wichita. The site is a NPL site referred to as the Gilbert and Mosley Site. It

is approximately 5-mi long by 2-mi wide. Mr. Hendron has reviewed all of the groundwater data collected from the previous site investigations, and made an analysis of source areas contributing to the groundwater plume in the Gilbert and Mosley site.

**Monroe Automotive Plant; Cozad, Nebraska** – Mr. Hendron completed one of the most comprehensive groundwater flow and contaminant transport studies in the vicinity of the Monroe Automotive Plant in Cozad, Nebraska. The work involved compilation, analyses and presentation of more than 15 years of groundwater level and chemistry data from 153 monitor wells in the site vicinity. The site has been undergoing a groundwater remediation using pump and treat technology since 1986. The site has documented the release of more than 1000 kg of TCE from past operations at the plant. In addition to the deterministic analyses and presentation of the existing data, Mr. Hendron conducted extensive numerical groundwater flow and transport modeling to simulate the results indicated by the existing data. Upon calibration of the numerical models to the existing data, the numerical models were used to assess the level of cleanup that will be achieved by on-going operation of the existing pump and treat system as opposed to the installation of a \$4,000,000 capital upgrade to the existing system. Results were presented to Nebraska Department of Environmental Quality (NDEQ) and Region VII of USEPA. Following the presentation, continued monitoring of the performance of the existing groundwater treatment system was found to be acceptable to the agencies.

**National Industrial Environmental Site (NIES); Furley, Kansas** - Mr. Hendron managed the remedial investigation/feasibility study, remedial design, remedial action and performance monitoring of an 80 acre hazardous waste landfill and treatment facility in Furley, Kansas. The project was owned and operated by Chemical Waste Management. This was one of the first major remedial investigation and feasibility studies of a hazardous waste site in the United States. The remediation included groundwater, soils, covers for existing disposal facilities, and the design and construction of new RCRA Type C disposal cells. Mr. Hendron negotiated agreements with the local, state, and federal agencies. Extensive hydrogeology and contaminant fate and transport studies were undertaken in support of the complicated decision process involved on the project. Mr. Hendron was involved with negotiations with Region VII of USEPA including those involved with the determination of Alternate Concentration Limits (ACL) for each of the numerous organic and inorganic chemicals found in groundwater at the site. Mr. Hendron managed remedial design and construction including groundwater extraction and treatment and earthwork involved with use of on-site clay soils for liners and cover. The \$25 million remediation was completed in 1986 and the facility continues to meet all requirements established by the numerous regulatory agreements negotiated for the facility.

**Former Cosco Plant Site; Spring Valley, New York** - At a former Consolidated Stamp Company (Cosco) facility in Spring Valley, New York, Mr. Hendron managed and directed studies involved with remedial design and remedial action activities. Sara Lee formerly owned the site. The facility was alleged to have contaminated a 2 million gallon per day (mgd) public water supply system. Extensive hydrogeology and contaminant fate and transport studies were done to make a scientifically sound technical determination of whether or not the Sara Lee facility was a contributor to the contamination of the well field. On the basis of the studies, Mr. Hendron concluded that the former facility was not a contributor and successfully argued to have the New York Environmental Commission set aside a ROD issued for the site that specified a remediation based on earlier studies by others.

**Gaslight Point Development; Racine Wisconsin** - Mr. Hendron was the project manager for design, installation and performance monitoring of remedial systems for residential and commercial buildings at the Gaslight Point Project in Racine, Wisconsin. The development was constructed on top of a former Manufactured Gas Plant (MGP) site located on the shore of Lake Michigan. The remedial systems provided for containment of chemicals associated with MGP residues and for collection and venting of the volatile constituents from beneath the buildings. The project was completed in the early 1990's and is presently fully occupied at the present time.

**Puente Valley Superfund Site; City of Industry, California** - Since April 1995, Mr. Hendron has been the Project Manager on a large area groundwater contamination problem in the Puente Valley area of the San Gabriel Basin in Los Angeles, California. Mr. Hendron's work includes extensive hydrogeology and contaminant fate and transport studies of the deep alluvial deposits in the Puente Valley. These deposits serve as a major groundwater aquifer in the Los Angeles area. Several municipal groundwater wells in the valley have been found to have TCE and PCE at concentrations that exceed regulatory limits for these chemicals. The studies conducted by Mr. Hendron have been and continue to be involved with the determination of the source facilities for the plume in the Valley and with the design, selection and implementation of remedial actions that are consistent with Remedial Action Objectives of Region IX of USEPA.

### **Construction inspection/construction management**

**Lock and Dam No. 1 Rehabilitation, U. S. Army Corps of Engineers, St. Paul, Minnesota** - For the Army Corps of Engineers, Mr. Hendron managed a project to

establish design criteria for concrete removal using explosives. The lock and dam consisted of large gravity monolith structures. Concrete removal was completed in these monoliths following the design criteria, plans and performance specifications prepared under Mr. Hendron's direction. Following this, he managed the construction activities for removal of 1,500 cubic yards of concrete at Mississippi River Locks and Dam #1 in St. Paul, Minnesota during two winter shutdowns. Removal was completed with the locks in full hydraulic operation. Sheet pile cofferdams were used as part of the dewatering of the locks and dam during the winter shutdown and for other rehabilitation activities. The project was successfully completed in 1982 and received the Outstanding Civil Engineering Award for the State of Minnesota.

## **Landfills**

**Rumpke, Hughes Road Landfill Landslide, Cincinnati, Ohio** – On 9 March 1996, a 1.5 million ton landslide occurred in the solid waste at the Rumpke, Hughes Road Landfill in Cincinnati, Ohio. This landfill was the largest solid waste landfill in Ohio at the time the landslide occurred. The solid waste moved approximately 1200 ft in approximately 5 minutes during the landslide. The event was the largest sized landslide that had ever occurred in solid waste. Mr. Hendron was retained by Rumpke, the owner operator, to assess the cause of the landslide and to prepare a plan for remediation of the area for continuation of operations, if possible. The foundation for the landfill was competent shale bedrock. Mr. Hendron completed the forensic analysis to determine the cause of the landslide and prepared a plan for continuation of operations at the site. The work consisted of numerous slope stability analyses of pre and post landslide configurations of the landfill that considered the physical properties of the waste, the foundation materials and of the fluid and gas pressure conditions in the solid waste. The plan was presented to and accepted by the Ohio EPA. Mr. Herndon's plan included the use of solid waste to stabilize the landslide area. As a result of this facet, the landfill remained in operation throughout the analysis, plan preparation and acceptance period.

**Dona Juana Landfill Landslide, Bogotá, Colombia** – On 27 September 1997, a 1.8 million ton landslide occurred in solid waste at the Dona Juana landfill in Bogotá, Colombia. This landfill received essentially all of the solid waste for Bogotá, a city of 8 million persons. During the landslide, the solid waste moved approximately 1 mile and completely filled a river. The scope of Mr. Herndon's involvement was primarily associated with the analysis of the cause of the landslide, and preparation of a comprehensive report. There was a special consideration at this landfill. The design

included a system for the high-pressure reinjection of leachate fluids generated by the normal operation of the landfill into the solid waste. Mr. Hendron determined conclusively that it was the operation of this system that caused the landslide. This determination was important for others to understand that future use of high-pressure recirculation at the landfill for leachate treatment was not acceptable. The eventual remedial design uses conventional leachate treatment prior to discharge to the nearby river.

### **Ponds and lagoons**

#### **Willow Higgins and Touhy Reservoir, Construction design review and recommendations - O'hare Field, Chicago, Illinois**

Mr. Hendron was retained by a management contractor, Airport Owners Representative (AOR) to review a design of two side channel reservoirs being constructed at and near the O'hare Field airport in Chicago, Illinois. Difficulties were being experienced in excavation of soils for the 80-ft deep reservoir and bottom and slope stability issues were occurring. Mr. Hendron successfully provided several recommendations for design changes that allowed the construction to proceed and finish on schedule. The recommendations included additional drainage lines and chimney drains for the side slopes and installation of relief wells on the bottom of the reservoir. Mr. Hendron was involved with review of the design and with the completion of construction of both reservoirs.

#### **River Bank Stabilization, Vermillion Station Ashpond – Danville, Illinois**

Mr. Hendron was the project manager for the investigation and design of river bank stabilization for an ashpond at the Illinois Power Company Vermillion Station in Danville, Illinois. At the start of the project, the river bank was eroded to the toe of the 75-ft high ashpond embankment for a length of about 1000-ft. The work included feasibility study of several alternates. A Gabion revetment alternate was selected. The work also included obtaining a Corps of Engineers permit for the facility. The work was successfully completed in about 1980 and has operated in a stable manner since completion of construction.

#### **Power Plant Ashpond and Cooling Lake Design, Construction and Monitoring –**

Mr. Hendron was involved with the design, construction and monitoring of four major cooling lakes and for power plants in the Midwest. These include:



- Gibson Station Cooling Lake and Ashponds– Princeton, Indiana – 4000 acres
- Collins (now Heideke) Station Cooling Lake – Morris, Illinois – 2500 acres
- Clinton Station Cooling Lake – Clinton, Illinois – 4000 acres
- Braidwood Station Cooling Lake – Braidwood, Illinois – 5000 acres
- Vermillion Station Ashpond stability remediation – Danville, Illinois – 100 acres

**Amoco Refinery Sludge Solidification, Whiting, Indiana** – Mr. Hendron was the Principal-In-Charge of services provided for solidification of refinery sludge at the Amoco Refinery Sludge basins in Whiting, Indiana. The project consisted of insitu solidification of the petroleum rich sludge to a depth of approximately 30-ft using deep soil mixing techniques with augers. The solidified sludge was designed for support of additional refinery facilities after completion of the work.

**Shell Wood River Refinery Sludge Solidification, Wood River, Illinois** – Mr. Hendron is the Principal reviewer for services currently being provided to Shell Oil Company at their Wood River, Illinois refinery. The services include the design and implementation of a program of insitu solidification of water treatment and dissolved air floatation waste materials in a 30-acre sedimentation pond on the facility. The solidification is being accomplished using rake injection and mixing techniques. The pond is in active usage as the work is being accomplished. The sediment is currently under from 5-ft to 10-ft of water that is being recirculated for plant use as the solidification is performed. The design is to solidify approximately one-half the total depth of the sludge. The solidified sludge is required to support the loads from a composite RCRA cover for the facility after the solidification is complete.

**Indianapolis Power and Light Company (IPL), Ash Ponds Investigations and Inspections** – For the past seven years, Mr. Hendron has provided geotechnical consulting services to IPL in connection with their ash ponds at three plants, the Eagle Valley Station in Martinsville, Indiana; the Harding Street Station in Indianapolis, Indiana; and the Petersburg Station in Petersburg, Indiana. The services have included the investigation of a failure of an ashpond at the Eagle Valley Station to determine the cause of the failure and the semi-annual inspection of all ashponds at the three plants. This work is on-going at the present time.

### **Litigation Support**

Mr. Hendron's assignments have included extensive work and negotiations with state and federal regulatory agencies, litigation support and expert testimony at public

hearings, permit hearings and trial proceedings. Typical projects for which he has provided regulatory and public interface and expert testimony, in the approximate chronological order that the projects occurred, include:

- **ESL Hazardous Waste Landfill, Will County, Illinois** - Regulatory consent agreement negotiation public hearing for landfill permit; 1983. Expert testimony provided
- **Carlyss Hazardous Waste Landfill, Carlyss, Louisiana** - Environmental Commission hearings for landfill permit; 1981. Expert testimony provided.
- **ESL Hazardous Waste Landfill, Will County, Illinois** - Consent agreement negotiations and administrative trial involving action of client against the State of Illinois for Operation Permit; 1983. Expert testimony provided.
- **NIES Hazardous Waste Landfill, Furley, Kansas** - CERCLA and RCRA order negotiations and administrative hearing involved with these orders; 1982-1984
- **NIES Hazardous Waste Landfill, Furley, Kansas** - Bench trial of lawsuit by and against the former owners of the landfill site; 1986. Expert testimony provided.
- **NIES Hazardous Waste Landfill, Furley, Kansas** - Litigation support for lawsuits by landowners surrounding the NIES Landfill; 1987. Expert testimony provided.
- **Davis-Besse Nuclear Power Station, Oak Harbor, Ohio** - Nuclear Regulatory Commission permit hearing for the siting, design, construction, operation and monitoring of an on-site landfill for very low level radioactive water treatment resins; (1986). Expert testimony provided.
- **Berlin and Ferro site, Swartz Creek, Michigan** - USEPA and public hearings for soils and groundwater investigation of the site and design of remediation systems for the site; (1985-1992)

- **Former Ferro, Inc. Site, Los Angeles, California** - Litigation support for lawsuit involved with property transfer; (1990). Expert testimony provided
- **Ground-Water Contamination, Wichita, Kansas** - Jury trial for damages resulting from TCE contamination of the aquifer; and (1992). Expert testimony provided.
- **Sara Lee Facility, Spring Valley, New York** - Negotiation of Consent Agreements for site studies and litigation support for case of alleged contamination of a 2 mgd well field. (1989-1995)
- **Site Assessments Litigation** - Trial testimony and Deposition related to property transfer litigation (1994-1995)
- **City of Detroit, Airport Site** - Litigation Support and Expert Testimony during trail related remediation of former industrial operations at present airport site (1995). Expert testimony provided.
- **Central Illinois Public Service, MGP site in Taylorville, Illinois** - Litigation support and expert testimony related to alleged groundwater contamination related to MGP remediation activities (1993). Expert testimony provided
- **Air Products Inc vs Rumpke** – Hughes Road Landfill – Expert analysis of the cause of the 9 March 1996 Landslide at the Hughes Road Landfill. (1996 – 1998). Expert testimony provided.
- **City of Springfield, Missouri** – Litigation support and expert testimony related to a construction delay claim for a compacted clay liner for a Subtitle D landfill cell – 1995 to 1998. Expert testimony provided.
- **Monroe Automotive Plant Site, Cozad, Nebraska** – Negotiations for the scope of work for deterministic and numerical groundwater flow and transport model of the site vicinity and response to a Letter of Warning from the NDEQ. (1999 - 2000)
- **City of Wichita, Kansas** – Litigation support and expert testimony related to cost recovery for groundwater contamination in the Gilbert & Mosely site – 1998 to 2002. Expert testimony provided.

- **Massachusetts Turnpike Authority** – \$28,000,000 construction claim for excavation of tunnel in front of the Federal Reserve Bank building. Provided expert opinion and testimony before Dispute Resolution Board. Claim decided in favor of MTA. (March through July 2002). Expert testimony provided.
- **Massachusetts Turnpike Authority** – Geotechnical construction claim review for the Central Artery Project with involvement in settlement discussions, dispute resolution and/or litigation as necessary to resolve \$18,000,000 earthwork claim. (2005 to present).
- **Confidential Client, Texas** – Design defect claim defense expert analysis and testimony for a case involving the dewatering system for a 50-ft deep excavation for a parking lot for a major convention center. Case settled during deposition phase in favor of designer. Expert testimony provided.
- **Homeowner, Wheaton, Il** – Analysis of cause and design and construction of remediation for basement flooding in new construction home. Flooding is occurring because of groundwater flow through the foundation and the concrete basement floor slab. Phase 1 of remediation is complete and is successfully intercepting groundwater flow to preventing flooding in the basement.
- **Confidential client, Coffeyville, Ks** – Analysis of the flooding at a site in Coffeyville, Ks as part of an insurance claim for coverage.
- **Confidential client, Coffeyville, Ks** – Analysis of the depth and duration of flooding in areas downstream of client’s site in the analysis of the consequences of flooding on damages to specific properties.

## **PUBLICATIONS**

Hendron, David M.. “Large Landslide Risks in Landfills ... Geotechnical Fundamentals Count” Geo-Strata, March/April 2006.

Fernandez, Gabriel and Hendron, David. “Pore Pressure Induced Slide in Municipal Solid Waste Doña Juana Landfill -- Bogota, Colombia”. Accepted and published for the International Conference of Geotechnical Engineering, Japan, October 2005

Hendron, D.M. and Batu, V. "Evaluation of TCE Remediation by Groundwater Flow and Transport Modeling under Complex Extraction Wells Condition." Illinois Groundwater Association Semi-Annual Meeting. Argonne National Laboratory. 10 April 2000

Hendron, D.M., et al. "Investigation of the Cause of the 27 September 1997 Slope Failure at the Dona Juana Landfill". Proceedings, Seventh International Waste Management and Landfill Symposium, Cagliari, Italy – October 1999.

Hendron, D.M. and Schmucker, B. O., "Forensic Evaluation of the Cause of the 9 March 1996 Landslide at the Rumpke Landfill, Cincinnati, Ohio. American Society of Civil Engineers Southern Ohio Section, November 1997

Frydman, S. And Hendron, D.M., "Aspects of Liquefaction Study of a Cemented Sand", Journal of the Geotechnical Engineering Division of American Society of Civil Engineers, Mar 1980.

Hendron, D.M. and Berggreen, R.G., "In-Site Measures of Ground Water Gradients, Hydraulic Conductivity and Recharge through Fractured Wisconsin Age Till, Northeastern Illinois".

Hendron, D.M. and Holish, L.L., "Quality Control of Earthwork Construction Using Cohesive Soils in Highly Variable Properties", Proceedings of International Conference on Compaction, Paris, France, Apr 1980.

Hendron, D.M. and Kastman, K.H., "The Impact of Subsurface Details on Ground Water Protection Near an Existing Disposal Facility", Proceedings of Sanitary Engineering Conference, University of Kansas, Feb 1983.

Hendron, D.M. and Kastman, K.H., "Performance of a Ground Water Extraction System at a Hazardous Waste Facility".

Horn, H.M. and Hendron, D.M., "Discussion of Stability Analysis for a Sloping Core Dam", American Society of Civil Engineers Specialty Conference on Stability and Performance of Slopes and Embankments, Aug 1966.