

**Minnesota Ground Water Association Newsletter  
Bibliography of Articles Volume 1 to Volume 23**

<b>Issue</b>	<b>Article</b>	<b>Author</b>
v 1 n 1	<p>President's Letter - Let's Get Started About the Association MGWA Newsletter Editors The MGWA Questionnaire Fall Meeting 1982 - Waste Disposal and Ground Water Contamination</p> <p>MGWA Board of Directors Committee on Public Education Winter Meeting - Water Law in Minnesota</p>	Gilbert Gabanski
v 1 n 2	<p>President's Letter - We got Started A Consumer's Guide to Minnesota's Ground Water Programs MPCA Ambient Ground Water Monitoring Program for Minnesota MGWA Winter Meeting Announcement: Legal and Regulatory Aspects of Ground Water Contamination in Minnesota</p>	<p>Gilbert Gabanski Linda Bruemmer Tom Clark</p>
v 1 n 3	<p>President's Letter MGWA Spring Meeting Announcement: Ground Water Modeling: Is it True the Emperor Has No Clothes? Current Ground Water Research in Minnesota Onsite Sewage Treatment in Minnesota INDEX at LMIC (Minnesota Environmental Resources and <u>I</u>nformation and <u>D</u>ata <u>E</u>xchange) Announcements</p>	<p>Gilbert Gabanski</p> <p>Roger F Machmeier Linda Bruemmer</p>
v 1 n 4	<p>President's Letter Election of MGWA Officers for 1983-1985 Current Ground Water Research in Minnesota Recent Publications of Interest to Our Members Recent Legislation - from Session Summary June 1983 MGWA Summer Meeting Announcement: Drilling, Sampling and Monitoring Well Installation Conjunctive Surface-Ground Water Simulation MGWA Newsletter Advertising Rate Recap of Spring Meeting National Water Well Association Coming Conferences</p>	<p>Gilbert Gabanski Kelton Barr</p>
v 2 n 1	<p>President's Letter Association News - Public Education Committee and Dues MGWA Elections Fall 1983 - Listing of Candidates MGWA Fall Meeting Announcement: The Why's, Wherefore's, How's and I-Told-You-So's of Piezometer Installations MGWA Ground Water Modeling Course News From Around the State News From Other Societies MGWA Board of Directors</p>	Gilbert Gabanski
v 2 n 2	<p>President's Letter Hydrogeology 1885 - Review of a paper written by Thomas C. Chamberlin A Special MGWA Lunch Hour Meeting - Using Mediation of Settle Disputes Involving Natural Resources</p>	<p>Gilbert Gabanski Pat Leonard-Meyer</p>

Issue	Article	Author
	MGWA Winter Seminar Announcement - The Professional as an Expert Witness Meetings and Courses Research Abstracts Short Notes Lost: Earth Science Public Education Committee Special Features: Analytical Functions for a Microcomputer Fall 1983 Meeting Summary MGWA Elections Results The Ad Hoc Minnesota Ground Water Committee Calendar	
v 2 n 3	President's Letter Certification and Registration of Ground Water Professionals: An Overview Ground Water Research in Minnesota Minnesota Department of Health VOC Study Resolving a Ground Water Contamination Dispute Outside the Courts  MGWA Spring 1984 Meeting Announcement: Modeling Aquifer Thermal Energy Storage, A Practical Application Membership Update Public Education: List and Review of film on Ground Water Meetings/Notes Join the MGWA List of Board of Directors Rural Water Systems in Minnesota	Gilbert Gabanski Kelton D. Barr  Richard Clark  Tom Clark Gilbert Gabanski
v 2 n 4	President's Letter MGWA Summer 1984 Seminar Announcement: Ground Water Quality Sampling and Analysis Join the Minnesota Ground Water Association Summer Seminar Exhibits Minnesota Ground Water Association Survey MGWA Past Meetings Election of New Officers for MGWA Membership Update Notes/Meetings Ground Water Research in Minnesota - USGS	Gilbert Gabanski
v3 n1	President's Letter Joint MGWA and AWRA Meeting Fall 1984: Use of Microcomputers for Ground Water Modeling List of Board of Directors Meetings Citizens for a Better Environment 1985 Midwest Ground Water Conference Ground Water and Waste Disposal Minnesota Chapter - American Water Resources Association Citizens League: Ground Water as a Strategic Resource North Central Section of the American Water Works Association League of Women Voters Welcome New Members Ballot for 1984-985 MGWA Officers	Gilbert Gabanski  Carole Ann Barth

<b>Issue</b>	<b>Article</b>	<b>Author</b>
v3 n2	<p>President's Letter</p> <p>Winter Meeting, March 6, 1985 - Implementation of Wisconsin's Ground Water Law - Speaker - Mr. Kevin Kessler</p> <p>Water Well Conference - March 20, 1985</p> <p>Legislative Update</p> <p>Leaking Underground Storage Tanks</p> <p>Update on Activities of the National Ground Water Association (NGWA)</p> <p>Ground Water Conference - Morris March 28, 1985</p> <p>1985 Board of Directors</p> <p>1985 MGWA Newsletter Schedule</p> <p>Call for Abstracts</p> <p>Karst Conference</p> <p>News of Members</p> <p>Wisconsin Ground Water Association Meeting - February 21, 1985</p> <p>MGWA New Members 4th Quarter 1984</p> <p>MGWA Financial Statement 1984</p>	<p>Gilbert Gabanski</p> <p>Jim Eulberg</p> <p>Tom Clark</p>
v4 n1	<p>1985 Board of Directors</p> <p>Minnesota Ground Water Association Salary Survey</p> <p>Registration Form 30th Midwest Ground Water Conference October 23-25 1985, St Paul Minnesota</p>	
v5 n1	<p>President's Introduction</p> <p>1986 Board of Directors</p> <p>Midwest Ground Water Conference Hospitality Suite</p> <p>Bylaw Revision Passes</p> <p>January Meeting - January 5th 1986</p> <p>DNR Considers Purchasing Mystery Cave</p> <p>Radioactive Waste Siting and Disposal - Minnesota's Role in the Process</p> <p>Journal of Freshwater focuses on Ground Water</p> <p>MGWA Winter Meeting - December 13th</p> <p>Results of MGWA Salary Survey</p> <p>Members Promotions, Changes and News</p> <p>What Would You Like to See in Your Newsletter?</p> <p>Calendar</p> <p>Treasurer's Report</p>	<p>Jerry Rick</p> <p>Gregg Larson, Pat Leonard-Mayer</p>
v5 n2	<p>Seminar Committees and Speakers Bureau Formed</p> <p>Joint Meeting Announcement Minnesota Ground Water Association and Wisconsin Ground Water Association - Geophysical Exploration</p> <p>75 People Attend January 15 Workshop</p> <p>MPCA Ground Water Monitoring Forum</p> <p>Speaker's Bureau</p> <p>MGWA Elections for President-Elect and Treasurer</p> <p>St Anthony Falls Hydraulics Laboratory - Spring Seminar Series</p> <p>Call for Papers</p> <p>NWWA April-July Workshop Schedule</p> <p>Environmental Mediation</p> <p>American Water Resources Association - Minnesota Chapter</p> <p>Next Issue of the Newsletter</p> <p>New Members</p>	<p>Pat Leonard-Mayer</p>



<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Impressive Spring Meeting	
	The Trouble with Ground Water	Lee Trotta, Eric Porcher
	Water Use Corner	Lee Trotta
	Clean Water Partnership Program	
	Senator Durenburger on Stewardship and National Deficits	
	Calendar	
	Willet to Head MPCA	
	Northern Engineering and Testing Teams with Twin Cities Testing	
	Job Announcement	
v6 n3	President's Page - Nuclear Update	Linda Lehman
	Minnesota Water 1988 - Meeting Announcement	
	Calendar	
	National Ground Water Legislation Summary	Holly Stoerker
	Minnesota Society of Optical Microscopists	
	Geological Society of Minnesota	
	NWWA National Expo - AGWSE Meeting	Rick Johnston, Lee Trotta
	Avoiding Environmental Liability in Real Estate Transactions	Greg Fontaine
	Aquifer Management	Ron Nargang
	Member News	
	1988 Board of Directors	
v7 n1	President's Page	Linda Lehman
	Minnesota Water 1988 Conference Overview	
	Calendar	
	Program Proposes Sale of Pollution Permits	
	New Insurance to Protect Farmers Who Pollute Water Supplies	
	Safety Question about Bottled Water	
	New Address for MGWA	
	Minnesota Ground Water Protection Strategy 1988	Gretchen Sabel
	Radium in Drinking Water	L Lehman and Assoc
	New Publications	
	Water Use Corner	
	Member News	
	Winter Mini-Meeting to be Sponsored by DNR and MGWA -	
	Demonstration of WELLS database	
	Minnesota Society of Optical Microscopists - Dinner Meetings	
	Geological Society of Minnesota - Meeting Schedule	
	University of Minnesota, Geology Department - Seminar Schedule	
v7 n2	That Tricky Radon Gas Can Be Beat!	Frank J. Donia
	Perspective	A. G. Harris
	For You Information	
	Water Resources Conference	
	President's Page	Linda Lehman
	New Geological Maps of North Dakota	
	Jessen Named to Head Freshwater Foundation	
	Humphrey Presses for Passage of Federal Hazardous Waste	
	Enforcement Bills	
	Call for Nominees	
	Call for Abstracts	
	State of Wisconsin Requires that Hydrogeologists be Trained in	Paul Huebner
	Hydrogeology	
	Call for Papers	
	Calendar	
	1988 Membership Roster	



<b>Issue</b>	<b>Article</b>	<b>Author</b>
	News of Members	
	New Officers Assume Duties in 1989	Gordie Hess
	Comprehensive Water Resource Protection Act of 1989	
	INSERT - MGWA Seminar on Property Transfer: Environmental Liability and Site Assessment	
v8 n1	President's Page	Linda L. Lehman
	Spring Meeting a Success	
	Property Transfer Issues from the PCA Perspective	Robyn Livermore
	MPCA's Site Assessment Program for Potential Hazardous Waste Sites	Ron Swenson
	Call for Abstracts	
	Environmental Liability and Real Estate Transactions	Jim Benson
	Interpretation of Data Collected During a Phase I Environmental Audit	Shawn Ruotsinoja
	1989 Board of Directors	
	Water Well Program Management in Minnesota	
	MDH Water Well Code Policies	
	Borehole Geophysics Applied to Ground Water Investigations	
	Wellhead Protection in Western Europe	Dr. Hans-Olaf Pfannkuch
	New USGS Publications	
	Calendar	
	Changes	
	New Publications	
	Fish Farmers no Threat as Water Users	
	Ground Water Standards - Two Different Perspectives	
	Geotechnical Engineering Corp Assumes Client Base from Subterranean Engineering Corp	
v8 n2	Harnessing Natural Processes to Degrade PCBs	Michael M. Kamrin
	President's Page	Linda L. Lehman
	Summer Meeting June 14th!	
	The Environmental Liability Report, a New Periodical	
	New Members	
	New Publications	
	Changes	
	Ground Water/Surface Water Interaction - A Graphic Display	Eric Mohring
	Calendar	
	Abandoned Well Survey Completed by Minnesota Department of Health	
	1989 Membership Roster	
	Call For Papers, Conserve 90	
	Call for Papers, Cluster of Conferences	
	1989 Board of Directors	
	Geotechnical Engineering Now Offers Phase One Environmental Assessments	
	Internship Opportunities Sought	
v8 n3	A Summary of the Groundwater Act (SF 262)	John Helland
	From the President	Bob Karls
	MGWA Fall Conference: 1989 Ground Water Legislation in Minnesota	
	NRGIS Hydrology Group Examines Data Layers	
	The Latest Word on Monitoring Wells	
	New Fiberglass Casing	
	Calendar	

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Arsenic in Minnesota	
	Ground Water Primer	DeLynn Hay
	Software Library	
	New Jersey Adopts Hydrogeologist Report Certification Policy	
	An Open Environment	
	Bylaws of the Minnesota Ground Water Association	
	1990 Board of Directors	
	Workshop: Assessing Ground Water Sensitivity to Contamination	Kerry L Keen
	Call For Papers	
	New Members	
	Changes	
	Ground Water and Agrichemicals: Suggested Policy Directions for 1990	
	Humphrey Named to National Task Force to Speed Environmental Cleanups at Federal Facilities	
	Water Resources Education Materials	
	California Seeks Supervisory Geologists	
	Internship Opportunities Sought	
v8 n4	Winter Meeting: Solute Transport in Fracture Networks	
	President's Page	Bob Karls
	Future of Hydrogeology	
	Delta Wins PMSA Human Resources Award	
	Software Library	
	Minnesota Water 1990	
	Phillips - AWG Distinguished Lecturers	
	New Members	
	Changes	
	AGWT Awards Scholarships	
	Innovative Approach to Fen Protection - Irrigate!	
	Water Quality Study Started in Dakota County	Lee C. Trotta
	AWWA Scholarship	
	Minnesotan is Master Well Contractor	
	Legislative Commission on Minnesota Resources - Request for Proposals	
	New Officers Elected	
	AGU Assists Students	
	Newsletter Advertising Policy	
	Congress Interested in Water Resources	E. G. Newton
	1990 Dues	
	Darcy Lecturer Invited to Minnesota	
	Bay West Opens Environmental Lab	
	1990 Board of Directors	
	1990 Membership Directory	
	Spring Meeting March 8 - Project Management Workshop	
	MGWA Has Successful Fall Conference	
	Meeting Calendar	
	Short Course Calendar	
	Water Resources Education Materials	
	Internship Opportunities Sought	
	Help Direct GSA's Future	
v9 n1	President-Elect's Page	
	Spring Meetings Summary	
	CV Theis Award	
	Abandoned Well Study	

Issue	Article	Author
	Update on Well-Sealing Cost-Share Grant Program	
	New Members	
	Field Day On: Ground Water Quality and Agricultural Chemical Management Research	
	Toward National Policy Coordination: The Challenge of Improving Intergovernmental Relations	
	News from Delta	
	What Constitute an Environmental Site Assessment	
	University of Minnesota's Geology Department Spring Seminar Series	
	Midwest Herbicides	
	Calendar	
	NWWA Adopts Position on Monitoring Well Driller Licensing Changes	
	Geologist Registration	
	Great Lakes Levels	
	Wellhead Protection	
	Water Resources Education Materials	
	Ground Water Concerns Rank Highly in Ford Study Questionnaire	
v9 n2	President's Page	Bob Karls
	Dr. Jay Lehr to Speak at November Risk Assessment Conference	
	Innovative Techniques for In-Situ Remediation	Larry Murdoch
	1990 Minnesota Ground Water Bibliography	
	Continuing Education Credits Granted	
	Pump-and-Treat Report Available	
	Underground Storage Tank Notification	
	The MGS Prairie du Chien-Jordan Study	
	Environmental Telephone Directory Available	
	Monitoring Well Course	
	Estimation of the Duration of Ground Water Contamination Pump-Outs	
	Calendar	
	1990 Board of Directors	
	USGS Ground Water Training Activities	
	Wellhead Protection Area Model Available	
	Little Booklet Saves a Lot	
	Newsletter Advertising Policy	
	Braun Environmental Laboratories Analytical Excellence Award	
	Model Validation: Bringing Three Views Together	Paul van der Heijde
	Call For Papers	
	Changes	
	Booklet on Nitrates Available	
	Course in Containment Ground Water Transport Open to Practicing Hydrologists	
	Fall Meeting Announcement - Environmental Risks - Contrasting Perceptions	
v9 n3	A Lesson to Be Learned	Jerry Rick
	On being one of the Heard	Doug Ewald
	Minnesota Water Plan	
	Dewatering Impact Studied for I-394 Construction	
	The Anoka Sand Plain Study	
	Nitrate Awareness: A Health Issue	
	AGIs Minority Scholarships Triple	

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Ground Water Fauna Important to System	
	Comprehensive National Water Use Report Available from MGS	
	We Need Your News	
	Contaminated Ground Water Common at AOCs	
	Well Disclosure Information	
	New Brochures Available	
	Coping with Water Scarcity	
	New Members	
	Vote for New Officers of Your Association	
	USGS Call for Section 105 Proposals	
	Chaos Lecture	
	Changes	
	AIPG Monthly Meeting	
	Newsletter Advertising Policy	
	Groundwater Mechanics	
	Court Rules Insurers Responsible for Cleanup Costs	
	1990 Board of Directors	
	Calendar	
	Call For Papers - North Central Section GSA	
	Moosehead Environmental Campaign	
	Give the Gift of Ground Water	
	Give the Gift of Ground Water Knowledge	
	Changes in Petrofund	
	Proposed Rules Governing Limited Dewatering and Sealing Licenses;	
	Construction Permits	
	Fall Meeting Announcement: Environmental Risks: Contrasting	
	Perceptions	
v9 n4	President's Page	Gordie Hess
	MGWA's New Officers	
	January 29, 1991 Meeting	
	January 17, 1991 Meeting	
	LCMR Proposals	
	Carlson's Environmental Policy	
	New Members	
	EPA Grants Official Protection to Mille Lacs Aquifer	
	What's Happening?	
	MDH Developing Health-Based Ground Water Standards	
	News of Members	
	American Water Resources Association - Educational Program	
	Ground Water Remediation	
	Risk Assessment and Control Management of Radon in Drinking	William A. Mills
	Water	
	Braun Professorship at University of Minnesota	
	Newsletter Advertising Policy	
	Chrysalis Scholarship	
	Catalog of Ground Water Programs	
	Faculty Directory	
	Water Quality Checklist Available from Trust - American Ground Water	
	Trust	
	1991 Board of Directors	
	Minnesota Environmental Law Handbook Published	
	Activated Carbon Treatment	Lou J. Sorren
	Calendar	
v10 n1	President's Page	Gordie Hess

Issue	Article	Author
	Iowa Rethinking Severity of Ground Water Rules	
	Predicting Well Drawdown During Prolonged Pumping	
	Transferring Models to Users - Book Review	
	Call(s) for Papers and/or Abstracts	
	MGWA Spring Seminar Announcement - Remediation Technologies for the Unsaturated Zone	
	Role of Colloids in Contaminant Migration Examined	
	Standards Development for Environmental Assessment of Commercial Real Estate	
	MPCA Property Transfer Update	
	MPCA Property Transfer Guidance	
	Water Well Conference - Spring 1991	
	Ground Water Sampling Workshop	
	ASTM Seeks Information on Monitoring Well Rehabilitation	
	Risk Perception Video Available	
	Calendar	
	World Contact Network	
	New Members	
	Health Advisories Issued	
	Changes	
	Hey What's Up?	
	Newsletter Advertising Policy	
	New Jersey Defines Ground Water Consultant	
	Environmental Data Subject of Standard	
	TCLP Correction	
	1991 Board of Directors	
	Pollution Threatens the Sphinx	
	Golf Course Study Results Available	
	Seasonal Thermal Energy Storage Newsletter	
	Saudis Face Rising Ground Water Crisis	
	EPA Proposes Drinking Water Standards	
	Rule Revision - MPCA Rules Chapter 7060	
	Snapshot of MGWA Finances	
v10 n2	President's Page	Gordie Hess
	Near-Surface Geophysics: A Tool for the Hydrogeologist	Todd Petersen
	Do You Give Talks to Kids?	
	Jay Lehr Resigns as Executive Director of NWWA	
	MGWA Meeting and Field Trip in October	
	<<< see page 6 >>>	
	Investigation Assess Risks	David Kill
	Working as a Ground Water Specialist in the Middle East	Stephen M. Christianson
	MGWA and TCG Hog Roast - June 5, 1991	Don Jorgenson
	USGS Publishes First in Series of Atlases	
	Association of Minnesota Water Resources Professionals Formed	
	Newsletter Advertising Policy	
	1991 Board of Directors	
	Changes	
	The Expert Hydrogeologist - Role and Responsibility	
	Directory Update	
	Calendar	
	Professional Registration, Certification and Definition	
	Ground Water Ranked Top Priority by Congressional Staffers	
v10 n3	President's Page	Gordie Hess

Issue	Article	Author
	Fall Meeting - Technology Updates - Innovations in Field Screening Methods and Applications of Geotechnical Methods to Soil Stratigraphy	
	Fall Field Trip Frolic	Sheila Grow
	Birdsall Lecture Tour Summary	
	Minnesota Ground Water Contamination Susceptibility Map	Eric Porcher
	ASFEE Releases Pocket Excavation Guide	
	Environmental Job Market to Be Explored Changes	
	Hydrogeology: It Is	David Stephenson, Bruce L. Cutright, William W. Woessner
	Minnesota Ground Water Protection Profile	
	Well Plan Review Requirements	
	Iowa Registration of Ground Water Professionals	
	Environmental database Operated 24 Hours a Day - Global Action Network	
	Consider Worker Safety in Site Work Plans	
	MPCA Publishes New Guide to Environmental Permitting Process	
	Minnesota Geological Survey May Close	Susan Bush
	Training For Hazardous Waste Site Cleanup	Chris Reimer
	Software Handbook Available	
	Environmental Property Assessment Subject of New Book - Buyer Be Aware	
	EPA Finalizes Ground Water Policy Statement	Chris Reimer
	Newsletter Advertising Policy	
	1991 Board of Directors	
	Calendar	
	Sponsor and Recycled Newsletter!	
	Message from Jay Lehr	
	NWWA Chairman's Corner: A Look at the Past	James P. Gibb
	Jacob Bear to Hold Workshop in December	
	Pesticides Leaching Into Ground Water Still Issue	
	Call For Papers: Managing Ground Water During Global Change - AWRA	
	Directory Update	
	Cathodic Protection of Wells	
	Environmental Database Credibility and the Twin Cities Round Robin Program	
	Bibliography Examines Ground Water Issues	
	Vote for New Officers for Your Association	
	Fall Meeting Announcement - Technology Updates - Innovations in Field Screening Methods and Geotechnical Applications	
	Deadline Approaching for Harmful Substances Compensation Claims	
	Geologic Sensitivity Report Available	
	Back to Middle Ages-Leeches as Water Samplers	
	Geologic Sensitivity Report Available	
	State Underground Storage Tank Rules Become Effective	
v10 n4	President's Page	Sheila Grow
	New Officers	
	Reducing Lead Levels in Drinking Water	
	Disney Waste Water is No Threat to Floridian Aquifer	
	Exploring Landfill Leachate Disposal and Treatment Options	
	Update on MGS	
	MGWA Finances 1991	

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Chrysalis Scholarship	
	Liability Issues and ASFE	
	Update on the ASTM Subcommittee on Ground Water and Vadose Zone Investigations	
	Report on Economic Implications of Ground Water Contamination	
	NWWA Changes Name to NGWA	
	Technology Update at MGWA Fall Meeting	Jan Falteisek
	Fifth Edition of Ground Water Bibliography Printed	
	East Europe's Pollution Control Market Outlined	
	Commerce Department Plans East European Mission	
	Newsletter Advertising Policy 1992	
	1992 Board of Directors	
	EPA Orders Closure of Injection Wells in Region 5	
	Older Americans Useful at Finding Abandoned Wells	
	Directory Update	
	Calendar	
	Commerce Department Plans East European Mission	
v11 n1	President's Page	Sheila Grow
	Legislative Update	Sheila Grow
	ASFE Publishes Model Contract for Preliminary Site Assessments	
	Ground Water Information System Organized for Great Lakes Region	
	1992 Board of Directors	
	MGWA Spring Meeting-Standing Room Only	Jan Falteisek
	ASTM Geostatistics	
	Member News and Changes	
	Waterfall Book Covers	
	East European Trade Information Available	
	Newsletter Advertising Policy for 1992	
	Guide to State Agency Services	
	National Ground Water Education Program Initiated	
	U of MN Geology and Geophysics Seminars	
	Prehistoric Wooden Well Discovered in Germany	
	New NSF Research Program In Hydrologic Sciences	
	Phase II Report Issued on Pesticide Survey	
	Calendar	
	Virginia Studies Its Septic System Rules	
	Sonic Drilling Useful in Waste Cleanup	
	To the Last Drop-A Board Game for Budding Hydrologists	
	Directory Update	
	Recycled Paper Donor Report	
	Ten Years and Going Strong	Gilbert Gabanski
	President's Page	Sheila Grow
	1992 Board of Directors	
	Superfund Network Approved by EPA	
	Texas Controls Aquifer by Crying a River	
	Symposium on Contaminated Soils	
	Clean Water 2000 Conference To Be Held September 17-18	
	New EPA Software for Tracking Ground Water Information	
	Member News	
	GSA Internships for Advanced Students	
	Newsletter Advertising Policy for 1992	
	Past and Present MGWA Officers	

Issue	Article	Author
	Tests of "Magnet" Technology at Contamination Sites	
	New Jersey Issues Interim Procedures on Implementing UST Certification Program	
	Update on Professional Geologist Registration in Wyoming	
	MDH Tritium Study	
	New USGS District Chief for Minnesota	
	New Offices for USGS	
	MGWA Scholarships Available	
	Calendar	
	Wisconsin DNR Clarified New Rules	
	EPA vs. Minnesota Solid Waste Regulations	
	US Government Goes Metric	
	Radium in Mt. Simon-Hinckley Aquifer Report Available	
v11 n3	<p>AIPG/MGWA Fall Field Trip Had a Real "Rocky" Time</p> <p>Massachusetts Reviews Licensed Site Professionals Status</p> <p>1992 Board of Directors</p> <p>New Ground Water Posters</p> <p>New Ground Water Publications From Minnesota Extension Service</p>	Neal Wilson
	Michigan Aquifer Vulnerability Map Available	
	AIPG December Luncheon Speaker - Bruce Erikson	
	PCBs	
	Participants Sought for New ASTM Task Force	
	Newsletter Advertising Policy for 1992	
	Fall Seminary 1992 - U of MN Geology and Geophysics	
	Pete Thein 1993 NGWA President	
	Research Program Targets Hydrologic Sciences	
	EPA Regs Define Qualified Ground Water Scientist	
	Ground Water Modeling Section Started by ASTM	
	News from the U - Mark Person, Vyacheslav G. Ruminyn	
	Calendar	
	Tritium in Ground Water As a Tool to Estimate Well Vulnerability	James F. Walsh
	Dead Rainbows-Oil on the Water	
v11 n4	<p>Highlights of Previous Newsletter Issues</p> <p>President's Column</p> <p>MGWA Winter Seminars - Donald Siegel</p> <p>Publication to Help Ground Water Programs</p> <p>Doug Connell New MGWA President-Elect</p> <p>Rita O'Connell New MGWA Treasurer</p> <p>MGWA Awards Six Scholarships</p> <p>1993 Board of Directors</p> <p>Kentucky Implements Geology Registration Law</p> <p>Newsletter Available on Innovative Ground Water Treatment Technology</p> <p>Groups Suggest Change in Terminology</p> <p>MGWA Spring Conference - GIS and Ground Water</p> <p>Newsletter Advertising Policy for 1993</p> <p>Winter Seminars 1993 - U of MN Geology and Geophysics</p> <p>Earwigs Can Cause Problems in Wells</p> <p>AIH Plans Second USA/CIS Conference</p> <p>Water Research Data Bases Available on CD-ROM</p> <p>News of Members</p>	Larry Johnson
	Hydrogeology and Pollution Sensitivity of Quaternary and Prairie du Chien-Jordan Aquifers in Ramsey County	Roman Kanivetsky, Patrick Twiss, Jan Falteisek



Issue	Article	Author
	<p>The Lab Isn't Nature            Illinois Hazardous Waste Rules Contain Definition of Qualified Ground Water Professional            Virginia Recognizes Certified Ground Water Professionals            AIPG - MGWA Fall Field Trip and Seminar            Directory Update            Calendar</p>	
v12 n3	<p>President's Letter            MPCA Voluntary Investigation and Cleanup Program            1993 Board of Directors            DC Monitoring Requirements            ASBOG Geologist Exam Development Workshops Continue            New Books, Etc.            1994 Henry Darcy Distinguished Lecturer - Dr Edward Sudicky            Swimming With the Sharks on the MGWA-AIPG Fall Field Trip            New Gibson Professor at U of MN-Mark Person            U of MN Starts September 23rd            AIPG Meeting Schedule            WRRRC Hydrogeology Grant            Directory Update            Outdoor Action Conference Comes to Minneapolis            Fall 1993 Geology Seminars            Calendar            Changes at Minnesota Geological Survey            Anoka Sand Plain Hydrogeology and Geology Maps Available            Water 94            GSA Forum Features Hydrogeology            Ogallala Aquifer            MGWA Fall Conference Announcement: Land Use and Ground Water Protection: Making the Connection</p>	<p>Larry Johnson            Lynne Grigor, Gerald Stahnke</p>
v12 n4	<p>President's Column            Making the Land Use-Ground Water Connection at the MGWA Fall Conference            Winter 1994 Geology Seminars            New Standards Finished on Environmental Site Assessment Practices</p> <p>Health Risk Limits Rules for Groundwater Contaminants Adopted</p> <p>1993 Board of Directors            Publications Explain Geographic Information Systems            Table of Health Risk Limits and Toxicological Endpoints            Darcy Lecturer Mary Jo Baedecker Reviews Hydrocarbon Fate in Aquifers            New Officers            Non-Profit Organizations Can Request Assistance From the Environmental Support Center            Minnesota Children's Ground Water Festival Looking for Volunteers</p> <p>New Computer Flow Model Described in USGS Report            Dowers Join Computers in Indian Water Search            IGWMC Modeling Conference 1994            New Wisconsin Remediation Guidance            MGWA Past Secretary Now Principal at Camp, Dresser &amp; McKee, Inc.- Robert Beltrami</p>	<p>Doug Connell            Jan Falteisek</p> <p>Roberta Aitchinson, Elizabeth Wattenberg</p> <p>Jan Falteisek</p>







<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Note from the Advertising Editor	
v14 n4	Twin Cities Metropolitan Area Groundwater Model President's Letter 1995 Board of Directors 1995 MGWA-AIPG-MRGS Fall Field Trip a Big Success Carlson Appoints Two to Licensing Board St. Lawrence Formation Investigation Vacuum Vaporizer Wells (UVB) Restore Ground Water at a Perchloroethylene Site in St. Louis Park Fall Conference Report Newsletter Advertising Policy for 1996 New Publications Wellhead Protection Rule Development Editorial Note: Ground Water or Groundwater Reauthorization of the Safe Drinking Water Act: Senate Bill 1316 Introduced Transcripts of Landfill Gasses Now Available Reminder of 1996 Editorial and Publication Submittal Deadlines	Andrew Streitz, John Seaberg Cathy O'Dell  Mike Convery, Jim Walsh James R. Lundy  Tom Clark  James R. Lundy
v15 n1	President's Column MPCA Adopts New Rules for Individual Sewage Treatment Systems  1996 Board of Directors Minnesota Water Line Gets Off the Ground MGWA Spring Conference 1995 GWMAP Report New Additions to the 1996 MGWA Board Minnesota Water 96 1996 International Ground Water, Source Water Protection and Underground Injection Control Stakeholders Conference and Symposium The Effects of Air Sparging on Aquifer Hydraulic Conductivity MGWA Donors Newsletter Advertising Policy 1996 New Publications Hydrogeology Summer Field Camp Taught Midwest Friends of the Pleistocene 43rd Annual Field Conference	Gretchen Sabel          Hans Neve
v15 n2	President's Letter Lost Wells Found 1996 Board of Directors MGWA Spring Conference - Applied Ground Water Management: Wellhead Protection and Beyond Reminder of 1996 Newsletter Editorial and Publication Submittal Deadline Treasurers Report - April 1996 1995 Financial Summary Membership Report-June 1996 1996 International Ground Water, Source Water Protection and Underground Injection Control Stakeholders Conference and Symposium Proposed MGWA Newsletter Management Team Got a Ground Water Question? Hydrogeology of Fillmore County Available New from the USGS	Gretchen Sabel Jim Berg





<b>Issue</b>	<b>Article</b>	<b>Author</b>
v16 n4	<p>President's Letter</p> <p>Managing Subsurface Geologic Information In Minnesota - A 25 Year Status Report</p> <p>The Capillary Fringe - Joe Spews</p> <p>MGWA Board Meeting Minutes</p> <p>Reminder to Vote For New Officers and Renew You MGWA Membership</p> <p>1997 AIPG-MGWA-AWG Fall Field Trip Report</p> <p>Newsletter Advertising Policy for 1998</p> <p>EnPro Has New Address</p> <p>Leigh Harrod: New MGWA Advertising Manager</p> <p>Over 100 Attend Fall Conference on Ground Water-Surface Water Interaction</p> <p>New Publications</p> <p>Wellhead Protection Rules Finalized</p> <p>EPA Issues Final Guidance Regarding Source Water Assessment</p> <p>Southwest Metro Ground Water Workgroup: A Subregional Approach to Water Supply Planning</p> <p>MGWA Calendar</p>	<p>Ray Wuolo</p> <p>G.B. Morey, Dale R. Setterholm, Robert G. Tipping</p> <p>Joe Otte</p> <p>Tom Clark</p> <p>Tom Clark</p> <p>Steve Robertson</p> <p>Marsha L. Honold, Gary L. Oberts</p>
v17 n1	<p>President's Letter</p> <p>Continuing Education Rules Proposed for Geoscientists</p> <p>University of Minnesota Offers "Aquifer Systems" Course</p> <p>Dr. Tom Winter to a Full House at the University</p> <p>1998 Board of Directors</p> <p>Capillary Fringe - March 1998</p> <p>Hydrogeology and Pollution Sensitivity of the St. Peter-Prairie du Chien Jordan Aquifer in Rice County, Minnesota</p> <p>MGWA Election Results</p> <p>Geoscience Licensure Grandfathering Period Ends August 5, 1998</p> <p>New Publications from the USGS</p> <p>New Maps Available from the USGS</p> <p>MGWA Opens Web Site</p> <p>Newsletter Advertising Policy for 1998</p> <p>MGWA Calendar</p> <p>MGWA Finances - 1997 Retrospective</p> <p>MGWA Board Meeting Minutes</p> <p>Well Construction Area Designated for Wells in Portions of St. Louis Park and Newport, Washington County, Minnesota</p> <p>MDH Well Conference Agenda, March 15, 1998</p> <p>Baseline Water Quality of Minnesota's Principle Aquifers, March 1998</p>	<p>Paula Berger</p> <p>Jim Lundy</p> <p>Moira Campion</p>
v17 n2	<p>President's Column</p> <p>Hydrostratigraphy of Paleozoic Bedrock, Southeastern Minnesota</p> <p>New Special Well Construction Area - East Bethel Sanitary Landfill</p> <p>Brownfield Redevelopment and Ground Water Protection - MGWA Spring Conference</p> <p>Minnesota Money Menu</p> <p>Capillary Fringe - Clean Water Supplies Worldwide</p> <p>1998 Birdsall-Dreiss Distinguished Lecturer at the University of Minnesota - Dr. Jeffery Hanor</p> <p>The Minnesota Arsenic Study</p>	<p>Paula Berger</p> <p>Anthony C. Runkel</p> <p>Jan Falteisek</p> <p>Kellee Van Keuren</p> <p>Mitch Chiodi</p> <p>Mindy Salisbury, Rich Soule</p>



<b>Issue</b>	<b>Article</b>	<b>Author</b>
v18 n1	President's Column	James Piegat
	Membership Elects Two New Members	
	Minnesota's Malformed Frogs - A Ground Water Connection?	Tom Clark
	Summary of MGWA Finances - 1998	
	1999 Board of Directors	
	Mower County Geologic Atlas - Part A	John H. Mossler
	MGWA Calendar	
	1999 GSA Birdsall-Dreiss Lecture on Geyser Activity	Charles Tiller
	Ground Water Recharge in Arid Settings	Jan Falteisek
	Annual MDH Well Conference - March 24, 1999	
	1999 Minnesota Karst Workshop	
	Newsletter Advertising Policy for 1999	
	New from MPCA	
	Paleozoic Hydrogeology of Southeastern Minnesota: Meeting Summary	Robert Tipping
	New GWMAP Report	
	Capillary Fringe - Ethics Ain't So Easy	Elizabeth Winter
	USGS Digital Orthoimagery for Minnesota Completed	
	44th Annual Midwest Ground Water Conference Announcement - October 13-15, 1999 St Paul Minnesota	
	USGS Report Signal Trend: More People Using Less Water	
	MGWA Board Meeting Minutes	
	MGWA Spring Conference - New Leadership in Evolving Ground Water Policy	
v18 n2	President's Column	Jim Piegat
	Arsenic and Drinking Water: Human Health Effects	Tom Clark
	New PCA Information Referral Index	
	Safe Yield and Sustainable Development - Marios Sophocleous Talk	
	1999 Board of Directors	
	Protecting Ground Water While Infiltrating Storm Water	Louis Flynn
	In Situ and On-Site Bioremediation Conference	
	Consumer Confidence Reports About Drinking Water	
	Well Owner's Handbook Held in Mankato	Judy Meath
	Spring Conference Looks to the Future - MGWA Spring Conference 1999	Jan Falteisek
	Us of Ground Water Models	
	2000-2001 Fulbright Awards for U.S. Faculty and Professionals	Dr. John Bredehoeft
	ASFE Releases New Directory	
	1999 Darcy Lecturer, Scott Tyler	
	SDWA: What's on the Horizon?	
	VOC Fact Sheet Available	
	Professional Geologist Licensure Update	
	MGWA Board Meeting Minutes	
	MGWA Calendar	
	Newsletter Advertising Policy for 1999	
v18 n3	President's Column	Jim Piegat
	Two MGWA Officer Positions Open for 2000	
	The Capillary Fringe - How Can We Improve Our Knowledge of Minnesota's Ground Water "Reservoir"	Roman Kanivetsky
	AIPG-MGWA-AWG Fall Field Trip to North Shore and Gunflint Trail	
	MGWA Board Votes to Help Fund Ground Water Events	

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	1999 Board of Directors	
	Minnesota Karst Workshop, May 10-13, 1999	Charles Tiller
	USGS Releases Revised Map List for Minnesota	
	Teens' Deaths Blamed on Cellar's High Nitrate Levels	Mitch Cooper
	USGS Topographic Map Symbols Now on Web	
	MGWA fall Conference Planning Well Underway	
	New Geologic Atlas and Hydrogeologic Assessment Report Available	
	MGWA Board Meeting Minutes	
	MGWA Calendar	
	Metro Groundwater Model - Site Applications	Andrew Streitz, John Seaberg, Doug Hansen
	Advance Call for Papers/Presentations - 43rd Annual AEG Meeting, San Jose, CA	
v18 n4	President's Column	Jim Piegat
	High-Resolution Flow Logging in Minnesota	Frederick L Paillet
	The Capillary Fringe - Geoscientist Licensure	Charlie Tiller
	MGWA Scholarship Program Benefits Many Students	
	MDA and USEPA Hosts National Conference on Agricultural Chemical Cleanups	Terry McDill
	Ancient or Recent, It's All Fascinating: the 1999 MGWA-AIPG-AWG Fall Field Trip	Tom Clark
	Midwest Ground Water Conference Draws 270 to St. Paul	Tom Clark
	Students Learn Importance of Vital Resource - Children's Water Festival	
	MGWA Calendar	
v19 n1	President's Column	Jim Lundy
	Program Evolution at the Minnesota Geological Survey	Dr. David L. Southwick
	Results of MGWA Elections	
	Response to Charles Tiller's December 1999 Capillary Fringe	Robert E. Pendergast
	2000 Board of Directors	
	Capillary Fringe - Living in the 00's (Zeros)	Lee Trotta
	A Look Back	Ray Wuolo
	MGWA Membership Survey Results	
	Treasurer's Report	Lee Trotta
	Continuing Education: Minnesota Statute 326.107	James C. Balogh
	AIPG Annual Meeting will be in Milwaukee, WI	
	2001 AIH Meeting to be Held in Minnesota	
	MDH Well Conference, March 29, 2000	
	MN Department of Health Activities Concerning Radon in Water and Air	
	MDH develops HBV for Total Petroleum Hydrocarbons	
	New From the US Geological Survey	
	In Memory of Eduard Henri Dahlberg (Henk)	
	Modification of Special Well Construction Area win Cities Army Ammunition Plant	
	MGWA Board Meeting Minutes	
	New LUST Fact Sheets	
	MGWA Calendar	
v19 n2	President's Column	Jim Lundy
	MTBE and Minnesota's Ground Water: A Complex, Continuing Story	Katherine Carlson

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	2000 Board of Directors	
	Transport and Geochemical Processes in Clay-Rich Sediments	Randy Bradt, Julie Ekman
	Hydrologist Uses Job Skills to Help African Villagers - Jeff Green in Kenya	
	The People and the Area - additional thoughts on his time in Kenya	Jeff Green
	MGWA Grants Scholarships	
	MGWA Established Foundation	Paula Berger
	AIPG National Meeting in Milwaukee	
	Executive Director of Licensing Board Addresses AIPG Chapter Meeting	
	Electronic Climate Newsletter	
	AIPG-MGWA Fall Field Trip	
	First NGWA Mc Elhiney Lecturer Announced	
	New from the Wisconsin DNR	
	Minnesota Water 2000	
	Waterline Ceased Operation April 15	
	New Recommendation for Public Testimony	
	Full House at MGWA Spring 2000 Conference	
	Obituaries - Roman Koch, Sandra J Forrest	
	New Publications	
	Are You Drinking Drugs Along with Your Coffee?	
	MGWA Board Meeting Minutes	
	Water Level Data Online	
	MGWA-AIPG Fall Field Trip - Minnesota River Valley	
	Site Characterization at Glaciated Sites	
	MGWA Calendar	
v19 n3	President's Column	Jim Lundy
	Lundy Testifies Before House Subcommittee on Ground Water	
	Emerging Issues Conference Held in Minneapolis June 7-8	
	MGWA Again Supports Annual Children's Water Festival	
	2000 Board of Directors	
	An Inside Look at the Minneapolis-St. Paul Airport Ground Water	Stu Grubb
	Dewatering Controversy	
	Are Sheet Pile Walls Effective at Reducing the Drawdown from Construction Dewatering?	Ray Wuolo
	Two MGWA Officer Position Open For 2001	
	Kenya Update	Jeff Green
	Capillary Fringe - Drillers Viewpoint	Steve Alberg
	Newsletter Team Invites Private Sector Participation	
	Contaminated Well Suspected of Causing Disease Outbreak and Two Deaths at 1999 Washington County Fair, New York	
	... And This Could Happen in Minnesota	Steve Robertson
	MGWA Professional Membership Annual Dues to Increase \$5 for \$2001	
	Igive.com Website Benefits MGWA Foundation	
	MGWA Foundation Receives IRS Determination Letter	
	New Regional Hydrogeologic Assessment Report Available	
	MPCA Releases Results of Ground Water Quality Study in Cottage Grove	
	Geoscientist Licensure Legislative Update	
	House Blocks Reductions in Arsenic, Radon in Drinking Water	
	Membership Survey	
	Minnesota Environment 2000 Report: The Highlights	
	USGS Launches Online Customizable Atlas	

Issue	Article	Author
	Notice of Availability: Arsenic in Ground Water Resources of the United States MGWA Calendar MGWA Board Meeting Minutes	
v19 n4	President's Column The Minnesota Arsenic Study (MARS): Mechanism and Occurrence of Arsenic in Western Minnesota Drinking Water From MGWA Foundation 2000 Board of Directors New From the MGS Capillary Fringe: Public Perceptions behind the Airport Dewatering Controversy Fall Field Trip: Lower Minnesota River Valley Learning and Sharing at the Fall Conference Outcomes from the MGWA's fall conference 2000 MGWA Officer Helps Educate Visiting Drillers Fall Field Trip Guidebooks Available Students Learn by Doing at Water Festival Western MN Regional Hydrogeologic Assessment Report Available	Jim Lundy Michael E. Berndt, Richard G. Soule, Melinda L. Erickson
	Metro Model E-zine Officer Ballot and Membership Survey MGWA Committees Working Hard this Year MGWA Calendar New from USGS MGWA Board Meeting Minutes New <i>Minnesota Environment</i> Magazine Available MGWA Welcomes New Members for 2000 2001 Minnesota Ground Water Association Newsletter Advertising Policy MGWA's New Student Recruitment Poster - Your Career in Hydrogeology	Mark Toso
v20 n1	President's Column The Use of Multispectral Images for Locating Wetland and High Water Table Conditions, City of Rochester, Minnesota 2000 Board of Directors The Capillary Fringe - Beyond What Science Is Telling Us Results of 2001 MGWA Elections State Agencies Use CWI Data in ArcView to Subsurface New ArcView Extension from DNR Waters Helps Make Geologic Cross Sections Minnesota Department of Health County Well Index Improvements for GIS Applications Treasurer's Report Profit and Loss Statement for Year 2000 Practical Ideas to Increase the Effectiveness of Ground Water Management and Recommendations for Future Directions in Ground Water Law 2000 Membership Survey Results EPA Publishes Final Arsenic Rule - But Is It the Last Word? More on the American Institute of Hydrology Meeting in Bloomington, October 14-17, 2001 New From DNR: "Minnesota's Water Supply: Natural Conditions and Human Impacts"	Jim Stark Dan Barrett, Tim Modjeski, Terry Lee  Roman Kanivetsky  Jim Berg, Randy McGregor  Lee Trotta

Issue	Article	Author
	EPA Ground Water Rule	
	Appropriations to Improve Stream Gaging Network	
	Survey of 1989 Ground Water Act Available	
	MGWA Foundation News	
	Newsletter Team Seeks Input on Alternative Format Options	
	Four Minnesotans Recognized as 2000 Groundwater Guardians or Affiliates	
	MGWA Ground Water Education Committee	
	MGWA Spring Conference "Emerging Issues in Ground Water Technology and Science" April 10	
	USGS Offers Online Access to Water-Quality Data	
	MGWA Board Meeting Minutes	
	New from USGS	
	2001 Minnesota Ground Water Association Newsletter Advertising Policy	
	MGMAP Proposals Funded for 2001	
v20 n2	President's Column	Jim Stark
	MGWA is 20 Years Old in September	
	Capillary Fringe - MGWA President-Elect Rob Caho Goes Down Under!	Rob Caho
	Southwest Minnesota Water Planners Annual Conference—"A Region's Thirst For Water"	John Vigna
	2001 Board of Directors	
	MGWA Spring 2001 Conference - Title: Emerging Science and Technology Issues	
	MGWA/AIPG Fall Field Trip to Brainerd Area, October 12-13, 2001	
	Global International Water Assessment Underway	
	South-Central MN Water Festival a Success	
	Minnesota Ground Water Provinces	
	MGWA Speaker's Bureau	
	2001 MGWA Membership Directory	
	MGWAF Sponsors UMD Field Trip to Death Valley	
	Arsenic: 5, 10, 15, 20 or more?	
	MPCA Receives Karst Education Project Grant	
	MGWA Board Votes to Approve Corporate Membership	
	Jon Pollock Joins MGWA Newsletter Team	
	Metro Children's Water Festival Receives Grant	
	New USGS Publications	
	MGWA Ground Water Education Committee Meeting Notes	
	MGWA Foundation Meeting Minutes	
	MGWA Board Meeting Minutes	
	2001 Minnesota Ground Water Association Newsletter Advertising Policy	
	MGWA Membership Committee Meeting Minutes	
	MGWA Membership Information	
v20 n3	President's Column - The Value of Ground Water	Jim Stark
	Capillary Fringe: The "Good Ole Days" are Now	Gilbert Gabanski
	Minnesota Ground Water Association - The First 20 Years	Tom Clark
	2001 Board of Directors	
	Is Your Drinking Water Protected?	Steve Robertson
	Approved Wellhead Protection Areas - Anoka and Northern Hennepin Counties	

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Composite Source Water Assessment Areas for the Mississippi River	
	2001 MGWA Newsletter Advertising Policy	
	Kenya 2001	Jeff Green
	Students Learn Importance of Vital Resource	Joe Enfield
	NGWA Hold Local Conference	
	MGWA Helps Celebrate Earth Day at Olson Middle School in Minneapolis	Chris Elvrum
	MGWA Board Approves Ground Water Awards	
	Two MGWA Officer Positions Open for 2001	
	Corporate Membership Rates for 2002	
	Decorah Edge Study Continues in Rochester	Terry Lee
	Minutes of Ground Water Education Committee	
	Memo from LCMR	
	Meeting to Hear Public Interests in a Revision of Health Risk Limits for Groundwater Rule	
	MGWA Board Meeting Minutes	
	46th Annual Midwest Ground Water Conference Announcement	
v20 n4	President' Message - What's Our Mission	Jim Stark
	Capillary Fringe - Preaching to the Choir in the Church of the Unseen Resource	Jim Lundy
	Newsletter Has Editorial Opportunity	Tom Clark
	Loss in the MGWA Family - Dr. George N. Huppert	
	2001 Board of Directors	
	Dye Tracing to Camp Coldwater Spring, Minneapolis, MN	E. Calvin Alexander Jr., Scott C. Alexander, Kelton D. Barr
	MGWA Spring Conference April 23, 2002	
	MGWA Fall 2001 Conference - The Value of Water	Jan Falteisek
	Students Learn by Doing an Annual Water Festival	
	EPA Launches New Web Site in Response to September 11	
	Fall Field Trip: Brainerd Area Geology	Roman Kanivetsky
	2001 AIH International Conference and 20th Anniversary of AIH	
	Report on the 2001 Midwest Groundwater Conference in Madison, Wisconsin	Jan Falteisek
	MGWA Welcomes Interpoll an New Corporate Member	
	EPA to Adopt Clinton Arsenic Standard	Katharine Q. Seelye
	Decorah Edge Study Continues in Rochester	Terry Lee
	Mapping Arsenic in Ground Water - Minnesota Data	Tom Clark
	Minnesota Impact of New As Standard	
	2002 MGWA Newsletter Advertising Policy	
	Governor Commends Metro Model - Posthumously	
	County Geologic Atlases Now Available for Pine and Wabasha Counties	
	MGWA Outstanding Service Award	
	Geotechnical Engineering Conference	
	Minnesota Water 2002	
	MGWA Board Meeting Minutes	
	The 2002 Midwest FOCUS Ground Water Conference	
	Corporate Membership Rates for 2002	
	MGWA 2002 Officer Ballot	
v21 n1	President's Column	Rob Caho
	Capillary Fringe	Laurel Reeves
	MGWA Needs a Newsletter Editor	
	Meet Your New Officers	



Issue	Article	Author
	MGWA Dues Unchanged	
	Carrie Jennings Patterson of MGWA Elected as GSA Fellow	
	47th Annual Midwest Ground Water Conference October 2-4, 2002	
	CURA Arsenic and Groundwater Grant Available to WRS Student and Advisor	
	Two MGWA Officer Positions Open for 2003	
	2002 Board of Directors	
	Monitoring Wells Should Be Resurveyed Periodically	Michael D. Hayes
	Stoner Named USGS Minnesota Water Chief	
	Well and Boring Rules Being Revised	Ron Thompson
	MGWA Fall Field Trip Scheduled for September 28, 2002	
	MGWA Fall Conference November 12, 2002, St Paul	
	USGS Report Summarizes June Floods in the Red River of the North	
	The Downward Gradient - News About Ground Water in Minnesota	
	Possible Changes to the Petrofund Rules Predicted for Mid-2003	
	May Ground Water Education Committee Meeting	
	July Ground Water Education Committee Meeting	
	MGWA Board Meeting Minutes	
	Foundation Seeks Silent Auction Donations	
	From Small Springs, Great Rivers Flow	Marcey L. Westick
	MGWA Welcomes New Corporate Members	
	Wisconsin Proposes New Regulations To Control Runoff Pollution	
	Corporate Membership Rates for 2002	
	MGWA Ground Water Education Committee Launches New Web Page	
	New USGS Publication on Recharge	
	National Reconnaissance of Pharmaceuticals, Hormones, and Other Organic Wastewater Contaminants in Stream of the US	
v21 n4	MGWA Fall Conference - Municipalities and Ground Water Supply Issues	Steve Robertson
	President's Letter	Rob Caho
	Capillary Fringe - The MGWA Newsletter Team Wants to Hear From You!	Aaron Fredrickson
	National Caves Association Holds Annual Convention in Minnesota	
	Foundation Update	
	Project WET Ground Water Workshop	
	Last Paper MGWA Newsletter	Norm Mofjeld
	Fall Field Trip to Southeastern Minnesota Cancelled	
	Newsletter Team Recognizes Jim Lundy for Seven Years of Service	
	MGWA Welcomes New Members in 2002	
	Nominations Sought for MGWA Outstanding Service Award	
	47th Midwest Ground Water Conference Held October 2-4 in Fargo ND	Jan Falteisek
	30th Anniversary of the Clean Water Act and National Water Monitoring Day	
	Alaskan Earthquake Blackens Well Water	Tim Krohn
	MPCA's Air, Water and Waste Conference February 25-27, 2003	Tom Clark
	MGWA 2003 Officer Ballot	
	Ground Water Education Committee	
	MGWA Thanks its Corporate Members	
	MGWA Board Meeting Minutes	
	Corporate Membership Rates	

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	MGWA Newsletter Advertising Policy	
v22 n1	MDH, City of Maplewood, and Well Contractor Dig Deep to Find Abandoned Railroad Well	Pat Sarafollean
	President's Column	Marty Bonnell
	Membership News and Information Update	
	2003 Board of Directors	
	Question of the Quarter - Ground Water or Groundwater?	
	Project WET Ground Water Workshop April 5	
	Hydrogeology in Southeastern Minnesota	Tony Runkel
	Capillary Fringe - A Voice for Cassandra	Jim Lundy
	Virtual Hall of Springs	Greg Brick
	MGWA Spring Conference Dedicated to David R. Ford	
	"Black Holes": Need for Ground Water Education Greater Than Ever	Tom Clark
	Volunteers Urgently Needed	
	2003 AIH Conference	
	Storage of Natural Gas and Liquefied Petroleum Gas Underground in Minnesota	Norm Mofjeld
	Corporate Membership Rates	
	Science Museum Ground Water Exhibit Planned with MGWA Help	Chris Elvrum, Kathy Villas-Hornes
	Summary Report 2002-Ground Water Education Committee	
	Minnesota Ground Water Association Newsletter Advertising Policy	
	Past Field Trip Guidebooks Available	
	Mower County Geologic Atlas, Part B, Completed	
	Midwest Ground Water Conference - 48th, Call for Papers	
	Initial Foundation Goal Achieved	Gordie Hess
	World Water Day, March 22, 2003	
	MPCA Announces "What's My Neighborhood?" Web Page	
	Water Resources Specialist Heads MPCA	Tom Clark
	MGWA Education Committee Meeting Notes	
	MGWA Board Meeting Minutes	
	New Officers Installed	
	MGWA 2002 Financial Report	
	FYI: Our Changing Climate	
v22 n2	MGWA Spring Conference on Interaction of Ground Water and Surface Water	Steve Robertson, Norm Mofjeld
	President's Column	Marty Bonnell
	Membership News and Information Update	
	2003 Board of Directors	
	Newsletter Team Changes	
	Ground Water or Groundwater? Answers to the Past Question of the Quarter	
	Question of the Quarter - Cost of Bottled Water	
	Flowing Both Ways	
	Ground Water and Urban Growth-Running on Empty?	Tom Clark
	Gary Englund Retires from MDH	Steve Robertson
	Local Water Management Funding Reduced	Norm Mofjeld
	Impact of the State Budget Deficit on the Minnesota Geological Survey	Dale Setterholm
	Corporate Membership Rates	
	Lithostratigraphy and Hydrostratigraphy of Pope County, Westcentral Minnesota	Kenneth L. Harris, James A. Berg

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Minnesota Ground Water Directory 2003	Tim Thurnblad
	Minnesota Ground Water Association Newsletter Advertising Policy	
	MDA 2003 Monitoring Report	Daniel Stoddard
	Karst Maps and Database	Jan Falteisek
	Minnesota Ground-Water Information Resources Guide Available	Tim Thurnblad
	Confirmed Waterborne Illness Outbreaks in Minnesota Caused by High Metlas Concentration in Drinking Water	Milt Bellin
	Oil-Lubricated Vertical Turbine Pumps	Ron Thompson
	MGWA Foundation Endowment Grows	
	Highlights of March 2003 Pharmaceuticals Conference in Minneapolis	
	MGWA Board Meeting Minutes	
	Fall Field Trip	
	MGWA Membership/New Members	
v22 n3	Harvey Thorleifson New MGS Director	
	President's Column	Marty Bonnell
	New Members	
	Membership News and Information Update	
	2003 Board of Directors	
	Bottled Water in Minnesota - A Multi-Million Dollar Business	Tom Clark
	Question of the Quarter - Monte Hall Problem	
	2004 MGWA Officer Positions Open	
	Flowing Both Ways	
	Water Quality Data Now Available Online	John Seaberg
	New From the USGS	
	Goodhue County Geologic Atlas Part B	Jim Berg
	Corporate Membership Rates	
	PCA Study and Otto Strack Featured in Separate Articles in July/August Issue of Ground Water	
	Pollution Control in the Netherlands	
	Source Water Assessments Prepared for All Public Water Supplies in Minnesota	Steve Robertson
	Impact of Budget Changes on Groundwater Programs at MDA	Dan Stoddard
	Education Committee Activities	
	MGWA Newsletter Advertising Policy	
	Brezonik to Step Down After 19 Years with WRC	
	MGWA Board Meeting Minutes	
	13th GIS/LIS Conference October 8-10, 1993	
v22 n4	President's Column	Marty Bonnell
	Capillary Fringe - Ground Water Management Organizations in Minnesota	Steve Robertson
	Membership News and Information Update	
	2003 Board of Directors	
	When It's Dry, the Well Runneth...	Steve Robertson
	MGWA 2004 Officer Ballot	
	Fall Field Trip: Geology and Hydrogeology of the St Croix River Valley	Tom Clark
	NGWA Award Winners Include Two MN Projects	
	Midwest Ground Water Conference	
	Last Issue's Question of the Quarter	
	Question of the Quarter - The oldest ground water age measured in Minnesota is?	
	DNR Water Appropriation Fees Increased	

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Update on Baytown Township Ground Water TCE Contamination Site	Mike Convery
	MGWA Fall 2003 Conference - Water Conservation in Minnesota	Norm Mofjeld
	Pawlenty Administration's Clean Water Initiative	Tom Clark
	Focuses on the Central Lakes Minnesota Water Initiative	
	Corporate Membership Rates	
	MGWA Newsletter to Be Scanned	
	New Publications of the US Geological Survey	
	Students Learn by Doing at Annual Water Festival	Tom Clark
	MGWA Is Working Hard to Get Ground Water Into the Science Museum	Chris Elvrum, Kathy Villas-Hornes
	A Minnesota Ground Water Directory Updated	
	Source Water Assessments Available Online	Steve Robertson
	MPCA's Air, Water and Waste Conference, February 24-26, 2004	Tom Clark
	MPCA Environmental Bulletin Series	Tom Clark
	New Book on Water Well Cleaning, Disinfection and Decontamination	John Schnieders
	MGWA Board Meeting Minutes	
	MGWA Newsletter Advertising Policy	
	Letter to the MGWA Foundation - UW River Falls Trip	
	ILSG 2004	
	Bridging the Past, Present and Future - Red River Basin Commission	
	Minnesota Rural Water Association 2004 Annual Technical Conference	
	Donations to Ground Water Exhibit at Science Park, Science Museum of Minnesota	
v23 n1	Capillary Fringe — Cheaper Than Dirt	Ray Wuolo and Steve Robertson
	President's Letter	Chris Elvrum
	MGWA Newsletter Team Welcomes Kurt Schroeder	
	New Officers	
	2004 Board of Directors	
	MGWA Foundation Update: Science Museum Water Park Funding	Gordie Hess
	Arsenic in Drinking Water and Health	
	Question of the Quarter! - How much groundwater does Minnesota have?	
	What is the Oldest Measured Groundwater Age in Minnesota?	Scott C. Alexander, Karen Sherper Rohs, and E. Calvin Alexander, Jr.
	Continuing Education Opportunities	
	2001-2002 Water Year Data Summary Available from DNR Waters	
	MGWA Thanks its Corporate Members	
	Web Page Volunteer?	
	The New Arsenic MCL and Community Water Systems in Minnesota	Karla Peterson
	Arsenic in Minnesota Ground Water Recent Research and Implications for Minnesota	Melinda L. Erickson and Randal J. Barnes
	Corporate Membership Rates	
	Science Museum of Ground Water Exhibit Update	
	Minnesota Superfund and Ground Water: Reflecting on the Past and Looking to the Challenges Ahead	Michael Rafferty and Maureen Johnson
	USGS Real-Time Ground-Water Level Monitoring Network	Geoff Delin
	ILSG 2004	
	Update on Ground Water Level Monitoring in Minnesota	

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Minnesota and Wisconsin Ground Water Associations Share Common Threads	Tom Clark
	Minnesota Environment Magazine to Feature Ground Water Searching for Water on Mars	
	50th Midwest Friends of the Pleistocene Field Conference	
	Why is Ground Water Biodiversity Important?	Tim Thurnblad
	MGWA Board Meeting Minutes	
	2003 Financial Report	
v23 n2	Ground Water Contamination: State of the State	Tom Clark
	President's Letter	Chris Elvrum
	Mystery Cave Opens New Visitors Center	
	2004 Board of Directors	
	Minnesota Water 2004	
	Ground Water and Public Health: Making the Connection	
	9th Annual Midwest Ground Water Conference	
	Question of the Quarter - What percentage of Minnesota's population that is served by community water systems gets ground water?	
	Response to March, 2004 Question-of-the Quarter	Steve Robertson and Jan Falteisek
	Reader's Response - December Question of the Quarter	Dennis M
	Pesticide Monitoring in Water Resources Report Available	
	Science Museum's Big Backyard to Open	
	Geologic Investigation of the Northwestern Metropolitan Area	
	Funding a water treatment plant in the City of Burnsville	
	Pine County Geologic Atlas, Part B — Hydrogeology and Pollution Sensitivity	Jim Berg
	Field Trip Notes from Yucca Mountain	Dan Kelleher
	MGWA Thanks its Corporate Members	
	What Do You Think About the MGWA Newsletter?	
	Capillary Fringe Are you one of the haves or have-nots?	Steve Robertson
	Corporate Membership Rates	
	Ground Water and the Topeka Shiner in Southwestern Minnesota	Jim Berg
	USGS Announces Fact Sheet on Nutrients in the Upper Mississippi River	
	How Geology Contributes to Water Quality Impairments — An Example from Walker Brook, Red River of the North Watershed, Minnesota	Molly MacGregor, Joseph Magner and Robert Melchior
	Web Page Volunteer?	
	MPCA Ambient Ground Water Quality Monitoring in Minnesota	
	MGWA Board Meeting Minutes	
	MGWA Foundation Board Meeting Minutes	
	MGWA Advertising Opportunities	
v23 n3	Cave Re-Discovered at Decorah Edge in Rochester	Terry Lee
	President's Letter	Chris Elvrum
	WGWA Fall Field Trip	
	Minnesota AIPG Fall Field Trip — September 24 & 25	
	2004 Board of Directors	
	Member News	
	"Nailing" Arsenic-Tainted Water	
	Two MGWA Officer Positions Open for 2005	
	MGWA Thanks its Corporate Members	
	Putting the Twin Cities Metropolitan Area Ground Water Model to Work	Doug Hansen and Chris Elvrum

<b>Issue</b>	<b>Article</b>	<b>Author</b>
	Question of the Quarter! - Is Minnesota's Ground Water Renewable?	
	Role of the Minnesota Department of Health in Protecting Drinking Water	Stew Thornley
	Source of Well Pollution Found — TCE solvent is from the site of a defunct metal fabricating shop in Lake Elmo	Mary Divine, Pioneer Press
	Crow Wing County Geologic Atlas, Part A, Completed	Dale Setterholm
	Newsletter Survey Results	
	Help Wanted: Newsletter Format to be Updated	
	MGWA Advertising Opportunities	
	Corporate Membership Rates	
	Calcareous Fen Workshop	Sean Hunt
	MGWA Board Meeting Minutes	
	Continuing Education Opportunities	
	Membership is Off the Charts!	
	MGWA Fall Conference	
	Web Page Volunteer?	
v23 n4	Maltby Nature Preserve Makes a Splash	Michael Kelberer
	President's Letter	Chris Elvrum
	Member News	
	Candidate Introductions	
	2004 Board of Directors	
	Sustainable Water Resources Roundtable	Jan Falteisek
	Students Learn by Doing at Annual Water Festival	Tom Clark
	Thank you letters regarding the Children's Water Festival	Norm Mofjeld
	In Memory - Michael A. Carnes	
	Help Wanted: Newsletter Format Being Updated	
	MGWA Fall Conference 2004	Norm Mofjeld
	Question of the Quarter! - Is Minnesota's Ground Water Renewable?	Laurel Reeves
	Continuing Education Opportunities	
	WGWA Fall Field Trip	Tom Clark
	MDH Launches CWI Online	Steve Robertson
	Spotlight: Listservers and Electronic Newsletters	
	MGWA Advertising Opportunities	
	Corporate Membership Rates	
	Unique Hydrogeology Poses Environmental Challenge for Askov	Kurt Schroeder
	Learning to Make Better Decisions with the Pine County Geologic Atlas	Jan Falteisek
	Minnesota Section—AIPG Fall Field Trip: Geology of the Southern Outlet of Glacial Lake Agassiz	
	MPCA's Air, Water and Waste Conference, February 15-17, 2005	Tom Clark
	Web Page Volunteer?	Greg Brick
	Ground Water History	
	Notice of Intent to Amend Rules - Chapter 4725 - Rules Relating to Wells and Borings	
	MGWA Foundation News	Rob Caho
	MGWA Foundation Board Meeting Minutes	
	Minnesota Ground Water Association Newsletter Advertising Policy	
	MGWA Board Meeting Minutes	
	GSA North Central Section Meets in Minneapolis May 19-20, 2005	