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Water Quality Information Center at the National Agricultural Library  
Agricultural Research Service, U.S. Department of Agriculture

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## **Delineating and Assessing Source Water Areas**

65 citations from the Agricola Database  
1984 - September 1998

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1. **Analytical modelling of pesticide transport from the soil surface to a drinking water well.**

Beltman,-W.H.J.; Boesten,-J.J.T.I.; Zee,-S.E.A.T.M.-van-der.

*J-hydrol.* Amsterdam : Elsevier Science B.V. July 1995. v. 169 (1/4) p. 209-228.

NAL Call Number: 292.8-J82

*Descriptors:* pesticides-. leaching-. water-flow. drinking-water. wells-. water-quality. groundwater-pollution. mathematical-models.

2. **Assessing your hazardous waste management practices.**

Weston,-D.

*NDSU-Ext-Serv.* Fargo, N.D. : The University. Apr 1994. (AE-1076) 3 p.

NAL Call Number: S544.3.N9C46

*Descriptors:* agricultural-wastes. groundwater-pollution. farms-. waste-disposal. pollutants-. chemicals-. drinking-water. hazards-. assessment-. safety-. north-dakota.

3. **Assessing your petroleum product storage practices.**

Weston,-D.

*NDSU-Ext-Serv.* Fargo, N.D. : The University. Apr 1994. (AE-1078) 4 p.

NAL Call Number: S544.3.N9C46

*Descriptors:* fuel-tanks. groundwater-pollution. farm-storage. pollutants-. leakage-. wells-. drinking-water. assessment-. safety-. north-dakota.

4. **Assessment of groundwater quality in England and Wales.**

Sir William Halcrow & Partners.

Great Britain. Dept. of the Environment. Laurence Gould Consultants.

London : H.M.S.O, 1988. xi, 115, xxx p., [10] p. of plates : ill. (some col.)

NAL Call Number: TD257.S57

*Descriptors:* Water,-Underground-England-Quality. Water,-Underground-Wales-Quality. Drinking-water-England. Drinking-water-Wales.

5. **Assessment of the reproductive and developmental toxicity of pesticide/fertilizer mixtures based on confirmed pesticide contamination in California and Iowa groundwater.**

Heindel,-J.J.; Chapin,-R.E.; Gulati,-D.K.; George,-J.D.; Price,-C.J.; Marr,-M.C.; Myers,-C.B.; Barnes,-L.H.; Fail,-P.A.; Grizzle,-T.B.

*Fundam-appl-toxicol.* Orlando, Fla. : Academic Press. May 1994. v. 22 (4) p. 605-621.

NAL Call Number: RA1190.F8

*Descriptors:* pesticide-mixtures. ammonium-nitrate. groundwater-pollution. drinking-water. toxicity-. reproduction-. feed-intake. body-weight. reproductive-performance. mice-. fetal-development. fetal-resorption. litter-size. rats-. adverse-effects. california-. iowa-.

6. **Assessment of the risk of infection by Cryptosporidium or Giardia in drinking water from a surface water source.**

Teunis,-P.F.M.; Medema,-G.J.; Kruidenier,-L.; Havelaar,-A.H.

*Water-res.* Oxford, U.K. : Elsevier Science Ltd. June 1997. v. 31 (6) p. 1333-1346.

NAL Call Number: TD420.W3

*Descriptors:* drinking-water. surface-water. water-supply. cryptosporidium-parvum. giardia-duodenalis. infection-. risk-assessment. public-health.

7. **Best management practice for fertilization of mature citrus trees on the ridge area to minimize nitrate contamination of groundwater.**

Alva,-Ashok-K.

Citrus Research and Education Center. Florida. Dept. of Environmental Protection.

Lake Alfred, FL : Citrus Research and Education Center, Institute of Food and

Agricultural Sciences, University of Florida, 1997. 141 p. : ill.

NAL Call Number: S667.O7A491--1997

*Descriptors:* Citrus-Fertilizers-Florida. Nitrogen-fertilizers-Control-Florida.

Groundwater-Pollution-Control-Florida.

8. **Comparison of models for delineating wellhead protection areas in confined to semiconfined aquifers in alluvial basins.**

Forster,-C.B.; Lachmar,-T.E.; Oliver,-D.S.

*Ground-water*. Westerville, Ohio : Ground Water Pub. Co. July/Aug 1997. v. 35 (4) p. 689-697.

NAL Call Number: TD403.G7

*Descriptors*: aquifers-. groundwater-. hydrology-. saturated-hydraulic-conductivity. computer-simulation. simulation-models. mathematical-models. wells-. groundwater-flow. groundwater-extraction. utah-.

9. **Developing a national drinking water regulation for disinfection of ground water.**

Macler,-B.A.

*Ground-water-monit-remediat*. Dublin, OH: Ground Water Pub. Co. Fall 1995. v. 15 (4) p. 77-84.

NAL Call Number: GB1001.G76

*Descriptors*: drinking-water. groundwater-. disinfection-. regulations-. microbial-contamination. public-health. waterborne-diseases. incidence-. environmental-legislation. federal-government. usa-.

10. **Developing a state wellhead protection program : a user's guide to assist state agencies under the Safe Drinking Water Act.**

United States. Environmental Protection Agency. Office of Water.

Washington, D.C. : U.S. Environmental Protection Agency, [1990] 44 p.

NAL Call Number: TD223.D4

*Descriptors*: Drinking-water-United-States.

11. **Development of a data base of community water-supply wells in New Jersey and a method of evaluate their sensitivity to contamination.**

Storck,-Donald-A.; Isaacs,-Kalman-N.; Vowinkel,-Eric-F.

New Jersey. Dept. of Environmental Protection. Geological Survey (U.S.).

Water-resources investigations report ; 96-4132.

West Trenton, N.J. : U.S. Dept. of the Interior, U.S. Geological Survey ; Denver, CO : Branch of Information Services [distributor], 1997. vi, 53 p. : ill., maps

NAL Call Number: GB701.W375--no.96-4132

*Descriptors*: New-Jersey-Bureau-of-Safe-Drinking-Water-Databases. Water-quality-management-New-Jersey-Databases. Water-supply-New-Jersey-Measurement. Groundwater-New-Jersey-Quality-Mathematical-models.

12. **Domestic well water quality in rural Nebraska: focus on nitrate-nitrogen, pesticides, and coliform bacteria.**

Gosselin,-D.C.; Headrick,-J.; Tremblay,-R.; Chen,-X.H.; Summerside,-S.

*Ground-water-monit-remediat*. Columbus, OH : Ground Water Publishing Co. Spring 1997. v. 17 (2) p. 77-87.

NAL Call Number: GB1001.G76

*Descriptors*: drinking-water. wells-. groundwater-. groundwater-pollution. water-quality. contaminants-. nitrate-nitrogen. pesticides-. coliform-bacteria. rural-areas. nebraska-.

13. **Drinking water and groundwater protection : proceedings National Environmental Health Association's 1990 Midyear Conference, Hyatt Orlando, Orlando, Florida, January 21-23, 1990.**

National Environmental Health Association. Midyear Conference (1990 : Orlando, Fla.).

Denver, Colo. : The Association, c1990. viii, 473 p. : ill., maps

NAL Call Number: TD224.F6N37-1990

*Descriptors*: Drinking-water-Florida-Congresses. Drinking-water-United-States-

Congresses. Water-quality-Florida-Congresses. Water-quality-United-States-Congresses. Water,-Underground-Pollution-Florida-Congresses. Water,-Underground-Pollution-United- States-Congresses.

14. **Effect of point-of-use, activated carbon filters on the bacteriological quality of rural groundwater supplies.**

Snyder,-J.W.-Jr.; Mains,-C.N.; Anderson,-R.E.; Bissonnette,-G.K.

*Appl-environ-microbiol.* Washington : American Society for Microbiology. Dec 1995. v. 61 (12) p. 4291-4295.

NAL Call Number: 448.3-Ap5

*Descriptors:* coliform-bacteria. coliform-count. heterotrophic-microorganisms. plate-count. microbial-contamination. groundwater-pollution. water-purification. activated-carbon. water-filters. water-quality. wells-. springs-water. rural-areas. west- virginia.

15. **Effects of agriculture on ground-water quality in five regions of the United States.**

Hamilton,-P.A.; Helsel,-D.R.

*Ground-water.* Columbus, Ohio : Ground Water Pub. Co. Mar/Apr 1995. v. 33 (2) p. 217-226.

NAL Call Number: TD403.G7

*Descriptors:* groundwater-pollution. nitrogen-fertilizers. animal-manures. nitrate-. water-quality. groundwater-. aquifers-. irrigated-conditions. irrigated-sites. delaware-. maryland-. virginia-. new-york. kansas-. nebraska-. connecticut-.

16. **Emerging legal issues in groundwater contamination cases.**

Guilday,-T.J.; DeMeo,-R.A.

*Fla-Sci.* Orlando, Fla. : Florida Academy of Sciences. Summer 1989. v. 52 (3) p. 183-206.

NAL Call Number: 500-F66

*Descriptors:* groundwater-pollution. drinking-water. environmental-protection. federal-government. water-law. water-safety. florida-.

17. **EPA to survey agricultural pesticides in groundwater used for drinking.**

Garlitz,-N.M.

*Soil-Water-Conserv-U-S-D-A-Soil-Conserv-Serv.* Washington, D.C. : The Service. Sept 1985. v. 6 (6) p. 4-5.

NAL Call Number: aS622.S6

*Descriptors:* pesticides-. groundwater-. drinking-water. surveys-.

18. **Evaluation of ground-water contamination from nonpoint sources: a case study.**

Brink,-C.-van-den; Zaadnoordijk,-W.J.

*Ground-water.* Columbus, Ohio : Ground Water Pub. Co. May/June 1995. v. 33 (3) p. 356-365.

NAL Call Number: TD403.G7

*Descriptors:* groundwater-pollution. pollutants-. contaminants-. nitrate-. leaching-. computer-analysis. computer-software. computer-simulation. simulation-models. groundwater-flow. geographical-information-systems. water-quality. groundwater-extraction. wells-. groundwater-. hungary-.

19. **Farm-A-Syst : farmstead assessment system.**

Jackson,-Gary.; Anderson,-Jim.; Jones,-Susan.

University of Wisconsin--Extension. Cooperative Extension Service.

Minnesota Extension Service.

United States. Environmental Protection Agency. Region V. Water Division.  
Madison [Wis.] : University of Wisconsin--Extension, Cooperative Extension, College of  
Agricultural and Life Sciences, University of Wisconsin, [1991] 23 pamphlets : ill.  
NAL Call Number: TD428.A37F37-1991

*Descriptors:* Farm-management-Environmental-aspects-Wisconsin. Drinking-water-  
Contamination-Wisconsin. Agricultural-pollution-Wisconsin. Groundwater-Pollution-  
Wisconsin.

20. **Farm-A-Syst : farmstead assessment system.**

Michigan State University. Extension.  
East Lansing, MI : The Extension, 1994- v. : ill.  
NAL Call Number: S589.757.M5F37--1994

*Descriptors:* Farm-management-Environmental-aspects-Michigan. Drinking-water-  
Contamination-Michigan. Agricultural-pollution-Michigan. Groundwater-Pollution-  
Michigan.

21. **Farmstead assessment for whole farm water quality protection.**

Jackson,-G.W.; Anderson,-J.L.  
*Agricultural research to protect water quality proceedings of the conference February  
21-24, 1993 Minneapolis, Minnesota, USA /*. Ankeny, IA : The Society, [1993]. p. 517-  
519.

NAL Call Number: TD427.A35A49-1993

*Descriptors:* groundwater-. wells-. drinking-water. water-quality. farms-. risk-.  
assessment-. educational-programs. educational-planning. plan-implementation-and-  
evaluation. wisconsin-. minnesota-.

22. **FAS wells.**

National Farm\*A\*Syst Program (U.S.).  
[Wisconsin?] : Farm\*A\*Syst, [1995] 60 slides : col. + 1 training manual + 1 computer  
disk.

NAL Call Number: Slide--no.525

*Descriptors:* Drinking-water. Groundwater-Quality. Water-quality-management.

23. **A geographic information system for groundwater protection planning.**

Baker,-C.P.; Panciera,-E.C.  
*J-Soil-Water-Conserv.* Ankeny, Iowa : Soil and Water Conservation Society of America.  
Mar/Apr 1990. v. 45 (2) p. 246-248. ill., maps.

NAL Call Number: 56.8-J822

*Descriptors:* groundwater-flow. protection-. drinking-water. water-management. land-  
use.

24. **Ground water and the Safe Drinking Water Act Amendments of 1996.**

Job,-C.  
*Ground-water-monit-remediat.* Columbus, OH : Ground Water Publishing Co. Winter  
1997. v. 17 (1) p. 49-51.

NAL Call Number: GB1001.G76

*Descriptors:* groundwater-. drinking-water. environmental-legislation. federal-  
government. usa-.

25. **Groundwater contamination by temik aldicarb pesticide: the first 8 months.**

Wartenberg,-D.

- Water-Resour-Res.* Washington, D.C. : American Geophysical Union. Feb 1988. v. 24 (2) p. 185-194.  
NAL Call Number: 292.8-W295  
*Descriptors:* groundwater-pollution. aldicarb-. drinking-water. environmental-protection.
26. **Groundwater contamination by toxic substances : a digest of reports : a report.**  
United States. Congress. Senate. Committee on Environment and Public Works.  
Library of Congress. Environment and Natural Resources Policy Division.  
S. prt. ; 98-131.  
Washington : U.S. G.P.O., 1983 [i.e. 1984] xxxv, 75 p.  
NAL Call Number: TD223.G755-1984  
*Descriptors:* United-States-Environmental-Protection-Agency. Geological-Survey-U.S.. Council-on-Environmental-Quality-U.S.. Water,-Underground-Pollution-United-States. Drinking-water-United-States-Contamination. Hazardous-wastes-Environmental-aspects-United-States.
27. **Groundwater protection : the use of drinking water standards by the states : report to the Chairman, Subcommittee on Hazardous Wastes and Toxic Substances, Committee on Environment and Public Works, U.S. Senate.** United States. General Accounting Office.  
United States. Congress. Senate. Committee on Environment and Public Works. Subcommittee on Hazardous Wastes and Toxic Substances.  
Washington, DC : The Office, 1988. 53 p. : ill., map  
NAL Call Number: TD223.G752  
*Descriptors:* Drinking-water-Standards-United-States. Water,-Underground-Quality-United-States.
28. **Groundwater resource management and environmental protection: A case study of the Philippines.**  
Munasinghe,-M.  
*Nat-Resour-Forum.* Stoneham, Mass. : Butterworth-Heinemann Ltd. Nov 1991. v. 15 (4) p. 302-312.  
NAL Call Number: HC55.N3  
*Descriptors:* drinking-water. water-quality. water-management. salt-water-intrusion. environmental-protection. water-use. water-policy. population-pressure. economic-development. aquifers-. case-studies. water-costs. philippines-.
29. **Growth management to protect groundwater.**  
Hrezo,-W.E.; Hrezo,-M.S.  
*J-Soil-Water-Conserv.* Ankeny, Iowa : Soil and Water Conservation Society of America. Mar/Apr 1990. v. 45 (2) p. 286-287.  
NAL Call Number: 56.8-J822  
*Descriptors:* groundwater-flow. water-management. protection-. zoning-. drinking-water.
30. **Guidance for applicants for state Wellhead Protection Program assistance funds under the Safe Drinking Water Act.**  
United States. Environmental Protection Agency. Office of Ground-Water Protection.  
Washington, D.C. : U.S. Environmental Protection Agency, Office of Water, Office of Ground-Water Protection, [1987] 1 v. (various pagings) : ill.  
NAL Call Number: TD426.G84-1987

*Descriptors:* Well-Head-Protection-Program. Wellheads-Protection-United-States. Water,-Underground-Quality. Drinking-water.

31. **Handbook : ground water and wellhead protection.**

Eastern Research Group, Inc.

United States. Environmental Protection Agency. Office of Drinking Water.

United States. Environmental Protection Agency. Office of Science, Planning, and Regulatory Evaluation.

Center for Environmental Research Information (U.S.).

Cincinnati, Ohio : U.S. Environmental Protection Agency, Center for Environmental Research Information, 1994. xvii, 269 p. : ill., maps, forms

NAL Call Number: TD403.H36--1994

*Descriptors:* Groundwater-Handbooks,-manuals,-etc. Wellheads-Handbooks,-manuals,-etc. Water-supply-Handbooks,-manuals,-etc.

32. **History of the sole source aquifer program: a community-based approach for protecting aquifers used for drinking water supply.**

McCabe,-W.J.; Job,-C.A.; Simons,-J.J.; Graves,-J.S.; Terada,-C.J.

*Ground-water-monit-remediat.* Westerville, OH : Ground Water Publishing Co. Summer 1997. v. 17 (3) p. 78-86.

NAL Call Number: GB1001.G76

*Descriptors:* drinking-water. groundwater-. aquifers-. groundwater-pollution. federal-government. environmental-legislation. new-jersey. ohio-. idaho-. pennsylvania-. usa-.

33. **How to conduct an inventory in your wellhead protection area : a training manual for use with volunteers.**

University of Idaho. Idaho Water Resources Research Institute.

[Moscow, ID] : University of Idaho, [1995?] 113 p. : ill.

NAL Call Number: TD224.I2H69--1995

*Descriptors:* Water-quality-management-Idaho-Citizen-participation. Drinking-water-Contamination-Idaho-Prevention-Citizen-participation.

34. **The international rivers Rhine and Meuse: recent developments in the field of the protection against pollution and of drinking water production in the Netherlands including the problems of storage and eutrophication.**

Vreedenburgh,-E.G.H.

*Aqua-J-Int-Water-Supply-Assoc.* Oxford : Pergamon Press. 1988. (4) p. 183-192. maps.

NAL Call Number: TD201.A72

*Descriptors:* rivers-. water-resource-management. water-pollution. drinking-water. water-storage. eutrophication-. surface-water. water-supplies. land-use. pollution-by-agriculture. netherlands.

35. **Is someone contaminating-- your drinking water? : an overview of potentially harmful shallow injection wells.**

United States. Environmental Protection Agency. Ground Water Protection Council (U.S.).

[Washington, DC?] : U.S. Environmental Protection Agency ; Oklahoma City, OK : Ground Water Protection Council, [1990?] 10 p. : col. ill.

NAL Call Number: TD761.I8--1990

*Descriptors:* Injection-wells-Environmental-aspects-Juvenile-literature. Drinking-water-

- Contamination-Juvenile-literature. Water-Pollution-Juvenile-literature. Groundwater-Pollution-Juvenile-literature.
36. **Logistic model of nitrate in streams of the upper-midwestern United States.**  
Mueller,-D.K.; Ruddy,-B.C.; Battaglin,-W.A.  
*J-environ-qual.* Madison : American Society Of Agronomy, Sept/Oct 1997. v. 26 (5) p. 1223-1230.  
NAL Call Number: QH540.J6  
*Descriptors:* nitrate-nitrogen. surface-water. water-pollution.
37. **Mangement tools for preventing water pollution on farms.**  
Nevers,-E.; Jackson,-G.; Castelnuovo,-R.; Knox,-D.  
*Environmentally sound agriculture proceedings of the second conference 20-22 April 1994 /.* St. Joseph, Mich. : American Society of Agricultural Engineers, c1994. 1994. p. 30-37.  
NAL Call Number: S589.7.E57-1994  
*Descriptors:* farms-. groundwater-pollution. risk-. assessment-. wells-. drinking-water. contamination-. point-sources. water-quality. environmental-protection. pollution-control. programs-.
38. **Managing the risks of pesticides : what role for monitoring? : Wednesday, November 4, 1987, Lincoln Campus Center, Amherst, Massachusetts : a workshop for agencies and organizations involved in groundwater and drinking water monitoring for pesticides in the Northeast.**  
New England Interstate Water Pollution Control Commission.  
United States. Environmental Protection Agency. Pesticide Monitoring Conference (1987 : Lincoln Campus Center).  
[Boston, Mass.? : New England Interstate Water Pollution Control Commission?, 1987?]  
1 v. (various foliations) : ill.  
NAL Call Number: TD427.P35M3  
*Descriptors:* Pesticides-Environmental-aspects-Northeastern-States-Congresses. Water,-Underground-Northeastern-States-Quality-Congresses.
39. **Methods for treating acid groundwater results and evaluation of long-term tests.**  
Bertills,-U.; Sundlof,-B.  
*Water-air-soil-pollut.* Dordrecht : Kluwer Academic Publishers. Dec 1995. v. 85 (3) p. 1849-1854.  
NAL Call Number: TD172.W36  
*Descriptors:* air-pollution. acid-deposition. groundwater-pollution. acidification-. groundwater-. water-quality. pollution-control. liming-. limestone-. slaked-lime. alkalinity-. wells-. drinking-water. sweden-.
40. **Modeling multiphase migration of organic chemicals in groundwater systems -- A review and assessment.**  
Abriola,-L.M.  
*E-H-P-Environ-Health-Perspect.* Research Triangle Park, N.C. : National Institute of Environmental Health Sciences. Nov 1989. v. 83 p. 117-143.  
NAL Call Number: RA565.A1E54  
*Descriptors:* groundwater-pollution. organic-compounds. kinetics-. drinking-water. models-.

41. **Natural protection of spring and well drinking water against surface microbial contamination. I. Hydrogeological parameters.**  
Robertson,-J.B.; Edberg,-S.C.  
*Crit-rev-microbiol.* Boca Raton, Fla. : CRC Press,. 1997. v. 23 (2) p. 143-178.  
NAL Call Number: QR1.C7  
*Descriptors:* microbial-contamination. groundwater-. water-quality. water-pollution.
42. **Natural protection of spring and well drinking water against surface microbial contamination. II. Indicators and monitoring parameters for parasites.**  
Edberg,-S.C.; Leclerc,-H.; Robertson,-J.  
*Crit-rev-microbiol.* Boca Raton, Fla. : CRC Press,. 1997. v. 23 (2) p. 179-206.  
NAL Call Number: QR1.C7  
*Descriptors:* microbial-contamination. groundwater-. water-quality. water-pollution. indicator-species.
43. **New Mexico Farm-A-Syst : Farmstead Assessment System.**  
New Mexico State University. Cooperative Extension Service.  
Las Cruces, NM : New Mexico State University, College of Agriculture and Home Economics, Cooperative Extension Service, Plant Sciences Dept., [1992] 1 v. (various pagings) : ill.  
NAL Call Number: S561.6.N6N49--1992  
*Descriptors:* Farm-management-Environmental-aspects-New-Mexico. Drinking-water-Contamination-New-Mexico. Agricultural-pollution-New-Mexico. Groundwater-Pollution-New-Mexico.
44. **Nitrates and ground water quality protection policies.**  
Aiken,-J.D.  
*EC-Coop-Ext-Serv-Univ-Nebr.* Lincoln, Neb. : The Service. 1990. (90-2502) p. 28-32.  
NAL Call Number: 275.29-N272EX  
*Descriptors:* nitrates-. groundwater-pollution. law-. drinking-water. nitrogen-fertilizers. irrigation-. regulations-. poisoning-. methemoglobinemia-. nebraska-.
45. **Occurrence of selected herbicides and herbicide degradation products in Iowa's ground water, 1995.**  
Kolpin,-D.W.; Kalkhoff,-S.J.; Goolsby,-D.A.; Sneck-Fahrer,-D.A.; Thurman,-E.M.  
*Ground-water.* Westerville, Ohio : Ground Water Pub. Co. July/Aug 1997. v. 35 (4) p. 679-688.  
NAL Call Number: TD403.G7  
*Descriptors:* triazine-herbicides. herbicide-residues. triazines-. groundwater-pollution. groundwater-. polluted-water. contamination-. wells-. surveys-. aquifers-. geographical-variation. slope-. runoff-. depth-. iowa-.
46. **On the performance of computational methods for the assessment of risk from ground-water contamination.**  
Hamed,-M.M.; Bedient,-P.B.  
*Ground-water.* Westerville, Ohio : Ground Water Pub. Co. July/Aug 1997. v. 35 (4) p. 638-646.  
NAL Call Number: TD403.G7  
*Descriptors:* groundwater-pollution. polluted-water. groundwater-. risk-. risk-assessment. neoplasms-. man-. benzene-. tetrachloroethylene-. probability-analysis. drinking-water. contamination-. probability-. california-.

47. **Pesticides and ground water protection.**  
Aller,-C.C.  
*Fla-Sci.* Orlando, Fla. : Florida Academy of Sciences. Summer 1989. v. 52 (3) p. 220-224.  
NAL Call Number: 500-F66  
*Descriptors:* pesticide-residues. ethylene-dibromide. groundwater-pollution. drinking-water. environmental-protection. water-composition-and-quality. water-law. florida-.
48. **Potential regulatory problems associated with atrazine, cyanazine, and alachlor in surface water source drinking water.**  
Nelson,-H.; Jones,-R.D.  
*Weed-technol.* Champaign, Ill. : The Weed Science Society of America. Oct/Dec 1994. v. 8 (4) p. 852-861.  
NAL Call Number: SB610.W39  
*Descriptors:* atrazine-. cyanazine-. alachlor-. herbicide-residues. water-pollution. surface-water. runoff-. rivers-. lakes-. drinking-water. contamination-. risk-. water-reservoirs. safety-. north-central-states-of-usa.
49. **The power to protect : three stories about groundwater.**  
Paly,-Melissa.  
United States. Environmental Protection Agency.  
Massachusetts Audubon Society. New England Interstate Water Pollution Control Commission.  
[Mass.?] : U.S. Environmental Protection Agency, c1990. 1 videocassette (32 min.) : sd., col. 1 workbook (36 p.).  
NAL Call Number: Videocassette--no.2071  
*Descriptors:* Groundwater-Pollution-New-England. Groundwater-New-England-Management. Drinking-water-Contamination-New-England.
50. **Protecting local groundwater resources.**  
Smutko,-L.S.; Hoag,-D.L.  
*AG-NC-Agric-Ext-Serv.* Raleigh : North Carolina Agricultural Extension Service,. May 1995. (473-21) 6 p.  
NAL Call Number: S544.3.N6N62  
*Descriptors:* groundwater-pollution. contaminants-. sources-. drinking-water. hazards-. pollution-control. water-management. wells-. community-action. land-use-planning. north-carolina.
51. **Public health concerns in wastewater reuse.**  
Cooper,-R.C.  
*Water-Sci-Technol-J-Int-Assoc-Water-Pollut-Res-Control.* Oxford : Pergamon Press. 1991. v. 24 (9) p. 55-65.  
NAL Call Number: TD420.A1P7  
*Descriptors:* waste-water. water-use. water-resources. irrigation-water. groundwater-recharge-. drinking-water. public-health. health-protection. water-pollution.
52. **Regulating pollution sources under a differential groundwater protection strategy.**  
Raucher,-R.S.  
*Amer-J-Agric-Econ.* Ames, Iowa : American Agricultural Economics Association. Dec 1986. v. 68 (5) p. 1225-1228.  
NAL Call Number: 280.8-J822

*Descriptors:* resource-management. groundwater-pollution. pollutants-. water-law. drinking-water.

53. **The regulation of agricultural practices to protect groundwater quality: the Nebraska model for controlling nitrate contamination.**

Schneider,-S.A.

*Articles and publications by NCALRI staff.* 1988-[199-?]. Fall 1990. [5] p. 1-44.

NAL Call Number: KF1682.A45A77

*Descriptors:* groundwater-. nitrate-. nitrogen-fertilizers. water-quality. environmental-protection. models-. contamination-. drinking-water. water-management. regulations-. agricultural-chemicals. nebraska-.

54. **Relating pesticides management for water quality to health-based standards.**

Hornsby,-A.G.

*Proc-Great-Plains-Agric-Counc.* Lincoln, Neb. : The Council. 1989. p. 98-103.

NAL Call Number: 282.9-G7992

*Descriptors:* pesticides-. water-composition-and-quality. health-protection. groundwater-pollution. pollution-by-agriculture. soil-pollution. drinking-water. western-states-of-usa. north-central-states-of-usa. south-central-states-of-usa.

55. **Role of groundwater recharge in treatment and storage of wastewater for reuse.**

Bouwer,-H.

*Water-Sci-Technol-J-Int-Assoc-Water-Pollut-Res-Control.* Oxford : Pergamon Press.

1991. v. 24 (9) p. 295-302.

NAL Call Number: TD420.A1P7

*Descriptors:* waste-water-treatment. water-storage. water-quality. requirements-. water-reuse. irrigation-water. irrigated-stands. vegetables-. microbial-contamination. pathogens-. groundwater-recharge. application-to-land. aquifers-. public-health. health-protection. drinking-water.

56. **Seminar publication : wellhead protection : a guide for small communities.**

Center for Environmental Research Information (U.S.).

United States. Environmental Protection Agency. Office of Science, Planning, and Regulatory Evaluation.

USEPA. Office of Ground-Water Protection.

Cincinnati, OH : USEPA, [1993] ix, 144 p. : ill., maps

NAL Call Number: TD223.S46--1993

*Descriptors:* Wellheads-Protection. Groundwater-Quality. Water-quality-management.

57. **Septic tank setback distances: a way to minimize virus contamination of drinking water.**

Yates,-M.V.; Yates,-S.R.

*Ground-Water.* Dublin, Ohio : Water Well Journal Publishers. Mar/Apr 1989. v. 27 (2) p. 202-208. maps.

NAL Call Number: TD403.G7

*Descriptors:* groundwater-. groundwater-pollution. drinking-water. toxic-substances. viral-diseases. septic-tank-site-assessment. wells-. hydraulic-conductivity. arizona-.

58. **Statistical analysis of rural well contamination and effects of well construction.**

Glanville,-T.D.; Baker,-J.L.; Newman,-J.K.

*J-environ-qual.* St. Joseph, Mich. : American Society of Agricultural Engineers 1958-.

Mar/Apr 1997. v. 40 (2) p. 363-370.

NAL Call Number: 290.9-Am32T

*Descriptors:* atrazine-. alachlor-. metolachlor-. nitrate-nitrogen. chloride-. coliform-bacteria. wells-. groundwater-pollution. building-materials. design-. drinking-water. transport-processes. water-quality. contamination-. iowa-.

**59. A survey and analysis of states' methodologies for deriving drinking water guidelines for chemical contaminants.**

Paull,-J.M.; Joellenbeck,-L.M.; Cochran,-R.C.; Sidhu,-K.S.

*J-environ-qual.* Orlando, Fla. : Academic Press. Feb 1991. v. 13 (1) p. 18-35.

NAL Call Number: RA1190.R42

*Descriptors:* drinking-water. groundwater-pollution. chemicals-. contaminants-. surveys-. guidelines-. state-government. federal-government. usa-.

**60. Synthesis of data from studies by the National Irrigation Water-Quality Program.**  
Seiler,-R.L.

*J-environ-qual.* Herndon, Va. : American Water Resources Association. Dec 1996. v. 32 (6) p. 1233-1245.

NAL Call Number: 292.9-Am34

*Descriptors:* irrigation-. drainage-water. surface-water. water-quality. contaminants-. trace-elements. selenium-. boron-. molybdenum-. arsenic-. aluminum-. uranium-. ddt-. federal-programs. databases-. western-states-of-usa.

**61. To assess progress toward the development of a national groundwater protection program : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-ninth Congress, first session, December 3, 1985.**

United States. Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee.

Washington, [D.C.] : U.S. G.P.O. : For sale by the Supt. of Docs., Congressional Sales Office, U.S. G.P.O., 1987. iii, 99 p.

NAL Call Number: KF27.G655-1985a

*Descriptors:* Water,-Underground-United-States-Quality. Water-quality-United-States. Drinking-water-United-States.

**62. Uranium contamination in the Great Miami Aquifer at the Fernald Environmental Management Project, Fernald, Ohio.**

Side,-W.C.; Lee,-P.Y.

*Ground-water.* Westerville, Ohio : Ground Water Pub. Co. Sept/Oct 1996. v. 34 (5) p. 876-882.

NAL Call Number: TD403.G7

*Descriptors:* uranium-. radionuclides-. groundwater-pollution. aquifers-. transport-processes. groundwater-flow. leakage-. infiltration-. drainage-channels. radioactive-wastes. redox-potential. dissolved-oxygen. chemical-speciation. ohio-.

**63. Use of geostatistics to predict wellhead protection zones in a pumping well field.**  
Yates,-M.V.; Yates,-S.R.

*Abstr-Annu-Meet-Am-Soc-Microbiol.* Washington, D.C. : The Society. 1987. (87th) p. 297.

NAL Call Number: 448.39-SO12A

*Descriptors:* groundwater-pollution. wells-. viruses-. drinking-water. inactivation-. health-hazards. geophysics-.

64. **Volatile (synthetic) organic chemicals (VOCs) in groundwater/risk assessment.**  
Shapiro,-M.A.  
*Chautauqua groundwater workshop for extension agents : proceedings of the workshop held at the Chautauqua Institution, Chautauqua, New York, May 7-9, 1986* / editor, Althea Rudd. University Park, PA : Northeast Regional Center for Rural Development, 1987. p. 43-53.  
NAL Call Number: TD223.1.C4-1986  
*Descriptors:* groundwater-pollution. organic-compounds. volatile-compounds. risks. health-hazards. drinking-water.
65. **Water and sediment ecotoxicity studies in Temuco and Rapel River Basin, Chile.**  
Dutka,-B.J.; McInnis,-R.; Jurkovic,-A.; Liu,-D.; Castillo,-G.  
*Environ-toxicol-water-qual.* New York, N.Y. : John Wiley & Sons, Inc. Aug 1996. v. 11 (3) p. 237-247.  
NAL Call Number: RA1221.T69  
*Descriptors:* drinking-water. river-water. sediment-. toxic-substances. toxicity-. water-quality. sampling-. sample-processing. bioassays-. immunoassay-. chile-.
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