

APPENDIX A
REFERENCESGovernment Publications

1. TM 5-818-5.
2. TM 5-545.
3. ER 1110-2-100.
4. ER 1110-2-101.
5. EM 1110-2-1901.
6. EM 1110-2-1902.
7. EM 1110-2-1905.
8. EM 1110-2-1906.
9. EM 1110-2-1908.
10. EM 1110-2-1911.
11. EM 1110-2-1913.
12. EM 1110-2-2300.
13. EM 1110-2-2400.
14. EM 1110-2-2501.
15. EM 1110-2-3501.
16. EM 1110-2-3506.
17. EM 1110-2-4000.
18. Albritton, J., Jackson, L., and Bangert, R., "Foundation Grouting Practices at Corps of Engineers Dams," TR GL-84-13, 1984, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
19. Al-Hussaini, M., and Townsend, F. C., "Investigation of Tensile Strength of Compacted Soils," Miscellaneous Paper S-74-10, Jun 1974, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
20. Banks, D. C., "Three-Dimensional Electrical Analogy Seepage Model Studies; Appendix A: Flow to Circular Well Arrays Centered Inside a Circular Source, Series G," Technical Report No. 3-619, Mar 1963, U. S. Army

30 Sep 86

Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

21. Banks, D. C. "Three-Dimensional Electrical Analogy Seepage Model Studies; Appendix B: Flow to a Single Well Centered Inside a Circular Source, Series H," Technical Report No. 3-619, Mar 1965, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
22. Bedinger, M. S., "Relationship Between Median Grain Size and Permeability in the Arkansas River Valley, Arkansas," Professional Paper 424-C, 1961, U. S. Department of the Interior, Geological Survey, 1717 H Street N.W., Washington, DC 20277.
23. Bureau of Reclamation, Groundwater Manual, Denver, Colo., 1977. Available from: Technical Information Center, U. S. Army Engineer/Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
24. Bureau of Reclamation, Water Measurement Manual, 2nd ed., 1967, U. S. Department of the Interior, P. O. Box 25007, Denver, CO 80225.
25. Cedergren, H. R., "Flow Net Studies for Several Dams," for U. S. Army Engineer District, Sacramento, Mar 1975, 650 Capitol Mall, Sacramento, CA 95814.
26. Clay, F. M., A Century on the Mississippi, A History of the Memphis District, U. S. Army Corps of Engineers 1876-1876, Jan 1976, U. S. Army Engineer District, Clifford Davis Federal Building, Memphis, TN 38103.
27. Clough, G. W., "An Evaluation of the Technical Feasibility of a Slurry Trench Cutoff for the Excavation for the Tensas-Cocodrie Pumping Plant, and a Review of Slurry Trench Specifications," 1978, report prepared for U. S. Army Engineer District, P. O. Box 60, Vicksburg, MS 39180.
28. Cobb, J. E., "Seepage Analysis Report - Stage 3, Specifications, Calamus Dam, Nebraska," Technical Memorandum No. V-222-B-lg, Jan 1984, Bureau of Reclamation, P. O. Box 25007, Denver, CO 80225.
29. Cooley, R. L., Harsh, J. F., and Lewis, D. C., "Principles of Ground-Water Hydrology," Hydrologic Engineering Methods for Water Resources Development, Vol 10, Apr 1972, U. S. Army Engineer Hydrologic Engineering Center, 609 Second Street, Davis, CA 95616.
30. Cooper, S. S., and Bieganousky, W. A., "Geophysical Survey of Cavernous Areas, Patoka, Indiana," Miscellaneous Paper S-78-1, Jan 1978, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
31. Cooper, S. S., Koester, J. P., and Franklin, A. G., "Geophysical Investigation at Gathwright Dam," Miscellaneous Paper GL-82-2, Mar 1982, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

32. Desai, C. S., "Seepage in Mississippi River Banks, Analysis of Transient Seepage Using a Viscous-Flow Model and Finite Difference and Finite Element Methods," Technical Report S-73-S, Report 1, May 1973, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
33. Desai, C. S., "Seepage in Mississippi River Banks; Analysis of Transient Seepage Using Viscous Flow Model and Numerical Methods," Miscellaneous Paper S-70-3, Report 1, Feb 1970, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
34. Desai, C. S., and Kuppusamy, T., "Development of Phreatic Surfaces in Earth Embankments," report prepared for the Bureau of Reclamation, May 1980, Department of Civil Engineering, Virginia Polytechnic Institute, Blacksburg, Va. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
35. Duncan, J. M., "Seepage Analysis for Columbia Lock and Dam," Miscellaneous Paper No. 3-503, Jun 1962, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
36. Duncan, J. M., "Three-Dimensional Electrical Analogy Seepage Model Studies," Technical Report No. 3-619, Mar 1963, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
37. Edris, E. V., Jr., and Vanadit-Ellis, W., "Geotechnical Computer Program Survey," Miscellaneous Paper GL-82-1, Mar 1982, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
38. Environmental Protection Agency, "Manual of Methods for Chemical Analysis of Water and Wastes," EPA-625-6-76-003a, Jul 1976, 26 W. St. Clair Street, Cincinnati, OH 45268.
39. Franke, P., "The Concrete-Pile Cutoff Wall According to the I.C.O.S. - Vedner Patent," Translation No. 54-6, Sep 1954, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
40. Gerwick, B. C., Jr., Holland, T. C., and Komendant, G. J., "Tremie Concrete for Bridge Piers and Other Massive Underwater Placements," Report No. FHWA-RD-81-153, Sep 1981, U.S. Department of Transportation, Federal Highway Administration, Washington, D. C. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
41. Guertin, J. D., and McTigue, W. H., "Groundwater Control Systems for Urban Tunneling," Groundwater Control in Tunneling, Vol 1, Report No. FHWA-RD-81-073, Apr 1982, U. S. Department of Transportation, Federal Highway Administration, Washington, D. C. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

42. Hall, R. L., Tracy, F. T., and Radhakrishnan, N. "Documentation of Two- and Three-Dimensional Seepage Problems Using the Finite Element Method," Miscellaneous Paper No. K-75-6, Jun 1975, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
43. Hallford, C. R., "Fluid Trench Construction, Concrete Diaphragm Wall Construction," Lecture for Construction of Earth and Rockfill Dams Course, Mar 1983, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
44. Hanson, J. E., "Impervious Cutoff by Means of Slurry Trench Construction Mill Site Dam and Reservoir, Ferron Creek, Ferron Utah," 1972, U. S. Department of Agriculture, Soil Conservation Service, P. O. Box 11350, Salt Lake City, UT 84147.
45. Harza Engineering Company, "Engineering Investigations and Design Studies for Underseepage Control (Slurry Trench Cutoff) for Saylorville Dam, Des Moines River, Iowa," Nov 1965, report prepared for U. S. Army Engineer District Clock Tower Building, Rock Island, IL 61201.
46. Hem, J. D., "Study and Interpretation of the Chemical Characteristics of Natural Water," Water-Supply Paper No. 1473, 1970, U. S. Department of Interior Geological Survey, 1717 H Street, Washington, DC 20277.
47. Holland, T. C., and Turner, J. R., "Construction of Tremie Concrete Cutoff Wall, Wolf Creek Dam, Kentucky," Miscellaneous Paper SL-80-10, Sep 1980, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
48. Jansen, R. B., Dams and Public Safety, 1980, U. S. Department of the Interior, Bureau of Reclamation, Denver Federal Center, Denver, CO 80225.
49. Kealy, C. D., and Busch, R. A., "Determining Seepage Characteristics of Mill-Tailings Dams by the Finite Element Method," Report of Investigations 7477, Jan 1971, U. S. Bureau of Mines, Spokane Mining Research Center, Spokane, Wash. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
50. Koester, J. P., et al, "Geophysical Investigations in Support of Clear-water Dam Comprehensive Seepage Analysis," Miscellaneous Paper GL-84-3, May 1984, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
51. Leach, R. E., "Waterbury Dam Seepage Study," draft report prepared for U. S. Army Engineer District, New York, 1982, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

52. Lohman, S. W., et al., "Definition of Selected Ground-Water Terms - Revisions and Conceptual Refines," Water-Supply Paper 1988, 1972, U. S. Department of the Interior, Geological Survey, 1717 H Street, Washington, DC 20277.
53. Mansur, C. I., and Perret, W. R., "Efficacy of Partial Cutoffs for Controlling Underseepage Beneath Levees," Technical Memorandum No. 3-267, Jan 1949, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
54. Mantei, C. L., and Cobb, J. E., "Seepage Analysis, Progress Report - Stage 2, Specifications, Calamus Dam, Nebraska," Technical Memorandum No. V-222-B-1-F, 1981, Bureau of Reclamation, P. O. Box 25007, Denver, CO 80225.
55. Mantei, C. L., Esmiol, E. E., and Cobb, J. E., "Seepage Analysis, Calamus Dam - Stage I, Pick-Sloan Missouri River Basin Project, Nebraska," Technical Memorandum No. V-224-A, Mar 1980, Bureau of Reclamation, P. O. Box 25007, Denver, CO 80225.
56. McAnear, C. L., and Trahan, C. C., "Three-Dimensional Seepage Model Study, Oakley Dam, Sangamon River, Illinois," Miscellaneous Paper S-72-3, Jan 1972, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
57. Miller, S. P., "Geotechnical Containment Alternatives for Industrial Waste Basin F Rocky Mountain Arsenal Denver, Colorado; A Quantitative Evaluation," Technical Report GL-79-23, Sep 1979, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
58. Montgomery, R. L., "Investigation of Relief Wells, Mississippi River Levees, Alton to Gale, Illinois," Miscellaneous Paper S-72-21, Jun 1972, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
59. Moser, J. H., and Huibregtse, K. R., "Handbook for Sampling and Sample Preservation of Water and Wastewater," EPA-600-4-76-049, Sep 1976, Environmental Protection Agency, 26 W. St. Clair Street, Cincinnati, OH 45268.
60. Nettles, E. H., and Calhoun, C. C., "Drainage Characteristics of Base Course Materials, Laboratory Investigation," Technical Report No. 3-786, Jul 1967, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
61. Nobari, E. S., Lee, K. L., and Duncan, J. M., "Hydraulic Fracturing in Zoned Earth and Rockfill Dams," Contract Report CR S-73-2, Jan 1973, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
62. Pace, M. E., et al., "Seepage Analysis of Confined Flow Problems by the Method of Fragments," Instruction Report K-84-8, Sep 1984, U. S. Army

30 Sep 86

Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

63. Perry, E. B., "Laboratory Tests on Granular Filters for Embankment Dams," Draft Technical Report, 1986, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
64. Perry, E. B., "Piping in Earth Dams Constructed of Dispersive Clay; Literature Review and Design of Laboratory Tests," Technical Report No. S-75-15, Nov 1975, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
65. Perry, E. B., "Susceptibility of Dispersive Clay at Grenada Dam, Mississippi, to Piping and Rainfall Erosion," Technical Report No. GL-79-14, Sep 1979, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
66. Radhakrishnan, N., "Flow Nets and Computer Solutions to Seepage Problems," Seminar on Construction Dewatering and Pressure Relief, Jan-Feb 1978, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
67. Sherard, J. L., "Filters for Glacial Till and Other Coarse Impervious Soils," Memorandum IG, May 1984, Soil Conservation Service Soil Mechanics Laboratory, Lincoln, Nebraska. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
68. Soil Conservation Service, "Ground Water," National Engineering Handbook, Section 18, Jun 1978, U. S. Department of Agriculture, P. O. Box 2890, Washington, DC 20013.
69. Spooner, P. A., et al., "Technical Handbook on Slurry Trench Construction for Pollution Migration Control," EPA draft, Oct 1982, U. S. Environmental Protection Agency, 26 W. St. Clair Street, Cincinnati, OH 45268.
70. Stanley Consultants, Inc., and Woodward-Clyde Consultants, "Lake Chicot Pumping Plant, Inspection Guidelines for Slurry Trench Construction," Sep 1976, prepared for U. S. Army Engineer District, P. O. Box 60, Vicksburg, MS 39180-0631.
71. Stanley Consultants, Inc., and Woodward-Clyde Consultants, "Lake Chicot Pumping Plant, Letter Report, Slurry Trench," Apr 1977, U. S. Army Engineer District, P. O. Box 60, Vicksburg, MS 39180-0631.
72. Talbot, J. R., and Nelson, R. E., "The Mechanics of Seepage Analysis," Soil Mechanics Note No. 7, Oct 1979, U. S. Department of Agriculture, Soil Conservation Service, P. O. Box 2890, Washington, DC 20013.
73. Tracy, F. T., "An Interactive Graphics Finite Element Method Grid Generator for Two-Dimensional Problems," Miscellaneous Paper K-77-5, Aug 1977a,

30 Sep 86

- U. S. Army Engineer Waterways Experiment Station, P. O. Box 631,
Vicksburg, MS 39180-0631.
74. Tracy, F. T., "An Interactive Graphics Postprocessor for Finite Element Method Results," Miscellaneous Paper K-77-4, Aug 1977b, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 75. Tracy, F. T., "A Plane and Axisymmetric Finite Element Program for Steady-State and Transient Seepage Problems," Miscellaneous Paper K-73-4, May 1973a, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 76. Tracy, F. T., "A Three-Dimensional Finite Element Program for Steady-State and Transient Seepage Problems," Miscellaneous Paper K-73-3, May 1973b, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 77. U. S. Army Corps of Engineers, "Foundation Pumping Tests," Civil Works Engineer Letter 63-16, 4 Dec 1963, Washington, D. C. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 78. U. S. Army Engineer District, Baltimore, "Susquehanna River Basin, Kettle Creek, Pennsylvania, Kettle Creek Reservoir, Embankments," Design Memorandum No. 7, Oct 1958, P. O. Box 1715, Baltimore, MD 21203.
 79. U. S. Army Engineer District, Baltimore, "Susquehanna River Basin, Tioga-Hammond Lakes, Tioga River and Crooked Creek, Pennsylvania, Instrumentation and Inspection," Design Memorandum No. 19, Jun 1973, P. O. Box 1715, Baltimore, MD 21203.
 80. U. S. Army Engineer District, Ft. Worth, "Brazos River Basin, Aquilla Creek, Texas, Aquilla Lake, Embankment, Spillway, and Outlet Works," Design Memorandum No. 7, May 1976a, P. O. Box 17300, Ft. Worth, TX 76102.
 81. U. S. Army Engineer District, Ft. Worth, "Trinity River Basin, Elm Fork, Trinity River, Aubrey Lake, Texas, Embankment and Spillway (Revised)," Design Memorandum No. 5, Jun 1976b, P. O. Box 17300, Ft. Worth, TX 76102.
 82. U. S. Army Engineer District, Ft. Worth, "Trinity River Basin, Mountain Creek, Lakeview Lake, Texas, Embankment and Spillway," Design Memorandum No. 9, Apr 1980, P. O. Box 17300, Ft. Worth, TX 76102.
 83. U. S. Army Engineer District, Galveston, "Buffalo Bayou and Tributaries, Addicks and Barker Dams, Texas, Emergency Seepage Control, Construction Completion Report," Jan 1983, P. O. Box 1229, Galveston, TX 77553.
 84. U. S. Army Engineer District, Galveston, "Buffalo Bayou and Tributaries, Addicks Dam, Texas," Inspection Report No. 3, 1977a, P. O. Box 1229, Galveston, TX 77553.

EM 1110-2-1901

30 Sep 86

85. U. S. Army Engineer District, Galveston, "Buffalo Bayou and Tributaries, Texas, Addicks Dam, Letter Report for Emergency Seepage Control," May 1977b, P. O. Box 1229, Galveston, TX 77553.
86. U. S. Army Engineer District, Galveston, "Buffalo Bayou and Tributaries, Texas, Major Rehabilitation, Addicks and Barker Dams," Reconnaissance Report, 1977c, P. O. Box 1229, Galveston, TX 77553.
87. U. S. Army Engineer District, Huntington, "Kokosing River Basin, North Branch of Kokosing Dam and Reservoir," Design Memorandum No. 5, Vol 1, Feb 1969, 502 Eighth Street, Huntington, WV 25701.
88. U. S. Army Engineer District, Huntington, "Muskingum River Watershed, Bolivar Dam, Sandy Creek/Ohio," Embankment Reanalysis Report, Vol 1, Sep 1979a, 502 Eighth Street, WV 25701.
89. U. S. Army Engineer District, Huntington, "Muskingum River Watershed, Mohawk Dam, Walhonding River, Ohio," Embankment Reanalysis Report, Vol 1, Dec 1979b, 502 Eighth Street, Huntington, WV 25701.
90. U. S. Army Engineer District, Kansas City, "Hillsdale Lake, Osage River Basin, Big Bull Creek, Kansas," Plans for Hillsdale Dam, Apr 1978, 601 E. 12th Street, Kansas, City, MO 64106.
91. U. S. Army Engineer District, Kansas City, "Long Branch Lake, Chariton River Basin, East Fork Little Chariton River, Missouri," Jul 1974, 601 East 12th Street, Kansas City, MO 64106.
92. U. S. Army Engineer District, Little Rock, "Laboratory Technical Memorandum for Construction and Use of Flow Nets," Sep 1940, P. O. Box 867, Little Rock, AR 72203.
93. U. S. Army Engineer District, Los Angeles, "Painted Rock Reservoir, Gila River, Arizona, Seepage Control Measures," Oct 1981, P. O. Box 2711, Los Angeles, CA 90053.
94. U. S. Army Engineer District, Louisville, "Taylorsville Lake, Ohio River Basin, Salt River, Kentucky, Dam and Spillway," Design Memorandum No. 6, Jan 1974, P. O. Box 59, Louisville, KY 60201.
95. U. S. Army Engineer District, Memphis, "Foundation Report, Design, Construction, and Performance of the Impervious Cutoff at W. G. Huxtable Pumping Plant, Marianna, Arkansas," Apr 1978, Clifford Davis Federal Building, Memphis, TN 38103.
96. U. S. Army Engineer District, Mobile, "Carters Dam, Coosawattee River, Georgia, Embankment Criteria and Performance Report," Mar 1976, P. O. Box 2288, Mobile, AL 36628.
97. U. S. Army Engineer District, Mobile, "Okatibbee Dam, Okatibbee Creek, Mississippi, Main Dam and Spillway," Design Memorandum No. 8, Apr 1965, P. O. Box 2288, Mobile AL 36628.

30 Sep 86

98. U. S. Army Engineer District, Nashville, "Wolf Creek Dam, Cumberland River, Kentucky, Concrete Diaphragm Walls, Plans and Specifications, Phase 1," Apr 1975, P. O. Box 1070, Nashville, TN 37202.
99. U. S. Army Engineer District, Omaha, "Embankment Criteria and Performance Report, Missouri River, Fort Peck Lake, Montana," Vol I, Sep 1982, 215 N. 17th Street, Omaha, NE 68102.
100. U. S. Army Engineer District, Omaha, "Missouri River, Oahe Reservoir, South Dakota, Relief Wells," Design Memorandum No. MO-162, Nov 1961, 215 N. 17th Street, Omaha, NE 68102.
101. U. S. Army Engineer District, Omaha, "Report on Underseepage Observations, Garrison Dam," May 1964, 215 N. 17th Street, Omaha, NE 68102.
102. U. S. Army Engineer District, Philadelphia, "Lehigh River Basin, Jordan Creek, Pennsylvania, Trexler Lake, Embankment, Spillway and Outlet Works," Design Memorandum No. 7, Nov 1974, US Custom House 2nd and Chestnut Streets, Philadelphia, PA 19106.
103. U. S. Army Engineer District, Pittsburgh, "Upstream Concrete Cut-Off Wall, Allegheny Reservoir Dam," Cut-Off Wall Construction, Part II, Jul 1965, 1000 Liberty Avenue, Pittsburgh, PA 15222.
104. U. S. Army Engineer District, Portland, "Applegate Lake, Applegate River, Oregon, Instrumentation, Inspection, and Evaluation," Design Memorandum No. 15, Apr 1978, P. O. Box 2946, Portland, OR 97208.
105. U. S. Army Engineer District, Rock Island, "Local Flood Protection Project, Rockford - Stage I, Kent Creek, Winnebago County, Illinois," Specifications for Page Park Dam, Jun 1978a, Clock Tower Building, Rock Island, IL 61201.
106. U. S. Army Engineer District, Rock Island, "Slurry Trench Cutoff, Dam-Foundation Report, Saylorville Lake, Des Moines River, Iowa," Part VI, Binder 3 of 5, Jan 1978b, Clock Tower Building, Rock Island, IL 61201.
107. U. S. Army Engineer District, Sacramento, "Buchanan Dam, H. V. Eastman Lake, Chowchilla River, California, Embankment Criteria and Performance Report," Apr 1977, 650 Capitol Mall, Sacramento, CA 95814.
108. U. S. Army Engineer District, Savannah, "Construction of Slurry Trench Cutoff," May 1968, P. O. Box 889, Savannah, GA 31402.
109. U. S. Army Engineer District, Savannah, "Specifications for Rehabilitation of Clemson Lower Division Dam, Hartwell Lake, Georgia and South Carolina," Oct 1981, P. O. Box 889, Savannah, GA 31402.
110. U. S. Army Engineer District, Savannah, "West Point Dam, Chattahoochee River, Alabama and Georgia, Embankment Criteria and Performance Report," Oct 1979, P. O. Box 889, Savannah, GA 31402.

30 Sep 86

111. U. S. Army Engineer District, St. Louis, "Clarence Cannon Dam and Reservoir, Upper Mississippi River Basin, Salt River, Missouri, Embankment Design, Main Dam," Design Memorandum No. 12, Nov 1969, 210 Tucker Boulevard, St. Louis, MO 63101.
112. U. S. Army Engineer District, St. Louis, "John H. Overton Lock and Dam, Red River Waterway," Design Memorandum No. 17, Detail Design, Vol 2, Appendices, Design Computations, Nov 1978, St. Louis, Mo. (prepared for U. S. Army Engineer District, New Orleans).
113. U. S. Army Engineer District, Tulsa, "Big Hill Lake, Big Hill Creek, Kansas, Embankment, Outlet Works, and Spillway," Design Memorandum No. 6, Oct 1975, P. O. Box 61, Tulsa, OK 74121-0061.
114. U. S. Army Engineer District, Tulsa, "El Dorado Lake, Walnut River, Kansas, Embankment and Spillway," Design Memorandum No. 6, Jul 1974, P. O. Box 61, Tulsa, OK 74121-0061.
115. U. S. Army Engineer District, Vicksburg, "Operation and Maintenance Manual, Grenada Dam, Yalobusha River, Mississippi," 1977, P. O. Box 60, Vicksburg MS 39180-0631.
116. U. S. Army Engineer District, Walla Walla, "Mills Creek Lake, Washington, Storage Dam Rehabilitation," Design Memorandum No. 6, Feb 1980a, Building 602, City-County Airport, Walla Walla, WA 99362.
117. U. S. Army Engineer District, Walla Walla, "Storage Dam Rehabilitation, Mill Creek Flood Control Project, Walla Walla, Washington, Plans and Specifications," Sep 1980b, Building 602, City-County Airport, Walla Walla, WA 99362.
118. U. S. Army Engineer Division, Ohio River, "Conference on Control of Underseepage," Apr 1945, P. O. Box 1159, Cincinnati, OH 45201.
119. U. S. Army Engineer Waterways Experiment Station, "Analysis of Piezometer and Relief Well Data, Arkabutla Dam," Technical Report No. 3-479, Jun 1958, P. O. Box 631, Vicksburg/MS 39180-0631.
120. U. S. Army Engineer Waterways Experiment Station, "Investigation of Underseepage and Its Control, Lower Mississippi River Levees," 2 Vols, Technical Memorandum No. 3-424, Oct 1956a, P. O. Box 631, Vicksburg, MS 39180-0631.
121. U. S. Army Engineer Waterways Experiment Station, "Review of Soils Design, Construction, and Prototype Analysis, Blakely Mountain Dam, Arkansas," Technical Report No. 3-439, Oct 1956b, P. O. Box 631, Vicksburg, MS 39180-0631.
122. U. S. Army Engineer Waterways Experiment Station, "The Unified Soil Classification System," Technical Memorandum No. 3-357, Apr 1960, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

- 123 U. S. Department of Agriculture, Soil Conservation Service, "Soil Mechanics Note No. 5, Flow Net Construction and Use," Oct 1973, P. O. Box 2890, Washington, DC 20013.
- 124 Warriner, J. B., and Banks, D. C., "Numerical Analysis of Partially Penetrating Random Well Arrays," Technical Report S-77-5, 1977, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
- 125 Weeks, E. P., "Field Determination of Vertical Permeability to Air in the Unsaturated Zone," U.S.G.S. Professional Paper 1051, 1978, U. S. Geological Survey, National Center, 12201 Sunrise Valley Drive, Reston, VA 22092.
126. Winter, C. D., "Design of Slurry Trenches on the Tennessee-Tombigbee Waterway," paper presented at the CE Seminar on Design and Construction of Slurry Trenches on Tennessee-Tombigbee Waterway, Tupelo, Miss., Aug 1978. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
127. Zangar, C. N., "Theory and Problems of Water Percolation," Engineering Monograph No. 8, Apr 1953, Bureau of Reclamation, Denver, Colo. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
128. Zeigler, T. W., "Determination of Rock Mass Permeability," Technical Report S-76-2, Jan 1976, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

Non-Government Publications

129. Ambraseys, N. N., "Cut-Off Efficiency of Grout Curtains and Slurry Trenches," Grouts and Drilling Muds in Engineering Practice, Butterworths, London, 1963, pp 43-46. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
130. American Petroleum Institute, "Oil-Well Drilling Fluid Materials," Specification No. 13A, 8th ed., Mar 1981, Dallas, Tex. Available from: American Petroleum Institute, 211 North Ervay, Suite 1700, Dallas, TX 75201.
131. American Petroleum Institute, "Standard Procedure for Testing Drilling Fluids," Recommended Practice No. 13B, 9th ed., May 1982, Dallas, Tex. Available from: American Petroleum Institute, 211 North Ervay, Suite 1700, Dallas, TX 75201.
132. Anonymous, "Fast Value Engineering Saves Over Budget Dam," Engineering News Record, Vol 201, No. 19, 9 Nov 1978, pp 24-25. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

133. Anonymous, "Ground Water: Our Priceless Resource," Ground Water Age, Vol 14, No. 8, Apr 1980, pp 33-36, 64-66. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
134. Anonymous, "World's Deepest Cutoff Wall Reaches 430 Ft," Engineering News Record, Vol 188, No. 1, 6 Jan 1972, pp 26-28. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
135. Anton, W. F., and Dayton, D. J., "Comanche Dike-2 Slurry Trench Seepage Cutoff," Proceedings-of the Conference on Performance of Earth and Earth-Supported Structures, Purdue University, Vol 1, Part 1, 1972, pp 735-749. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
136. Arulanandan, K., and Perry, E. B., "Erosion in Relation to Filter Design Criteria for Earth Dams," Journal of the Geotechnical Engineering Division, American Society of Civil Engineers, Vol 109, No. 5, May 1983, pp 682-698. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
137. Barber, E. S., and Sawyer, C. L., "Highway Subdrainage," Proceedings, Highway Research Board, 1952, pp 643-666. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
138. Barron, R. A., "The Design of Earth Dams," Handbook of Dam Engineering, A. R. Golze, ed., Van Nostrand, New York, 1977, pp 291-318. Available from: Technical-Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
139. Basak, P., and Madhav, M. R., "Upper and Lower Limit of Darcy's Law," Indian Geotechnical Journal, Vol 9, No. 2, Apr 1979, pp 134-153. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
140. Bear, J., Dynamics of Fluids in Porous Media, Elsevier, New York, 1972. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
141. Blind, H., "Inspection Galleries in Earth and Rockfill Dams," Water Power and Dam Construction, Vol 34, No. 4, Apr 1982, pp 25-31. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
142. Bloom, E., Dynes, S., and Glossett, C., "Soil Bentonite Slurry Trench in a PL-566 Rolled Earth Dam in Indiana," Paper No. 79-2579 presented at American Society of Agricultural Engineers Meeting, New Orleans, La.,

1979. Available from: American Society of Agricultural Engineers, P. O. Box 229, St. Joseph, MI 49085.
143. Boer, S. A. De, and Molen, W. H. Van Der, "Electrical Models: Conductive Sheet Analogies," Drainage Principles and Applications, International Institute for Land Reclamation and Improvement, Wageningen, Netherlands, Publication 16, Vol 1, 1972, pp 201-221. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
144. Bourdeaux, G. and Imaizumi, H., "Dispersive Clay at Sobradinho Dam," Dispersive Clays, Related Piping, and Erosion in Geotechnical Projects, Special Technical Publication 623, May 1977, pp 13-24. American Society for Testing and Materials, Philadelphia, Penn, Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
145. Brand, E. W., and Armstrong, R., "Sand Model Studies of Seepage Through Earth Dams," Proceedings, Symposium on Earth and Rockfill Dams, Indiana, Vol 1, 1968, pp 188-196. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
146. Bros, B., and Orzeszyna, H., "The Influence of Particle Angularity and Surface Roughness on Engineering Properties of Sand," Design Parameters in Geotechnical Engineering, British Geotechnical Society, London, 1979, pp 11-14. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
147. Burmister, D. M., "Principles of Permeability Testing of Soils," Symposium on Permeability of Soils, ASTM Special Technical Publication No. 163, American Society for Testing and Materials, Apr 1955, pp 3-26. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
148. Burmister, D. M., "The Importance and Practical Use of Relative Density in Soil Mechanics," Proceedings, American Society for Testing and Materials, Vol 48, 1948, pp 1249-1268. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
149. Cary, A. S., Walter, B. H., and Horstad, H. T., "Permeability of Mud Mountain Dam Core Material," Transactions, American Society of Civil Engineers, Vol 108, 1943, pp 719-737. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
150. Casagrande, A., "Control of Seepage Through Foundations and Abutments of Dams," Geotechnique, Vol 11, No. 3, 1961, pp 161-182. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

151. Casagrande, A., "Seepage Through Dams," New England Waterworks Association, Vol LI, No. 2, Jun 1937, Dedham, Mass. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
152. Case International Company, "Case Slurry Wall Notebook," 1982, Roselle, Ill. Available from: Case International Company, P. O. Box 40, Roselle, IL 60172.
153. Cedergren, H. R., "Drainage and Dewatering," Foundation Engineering Handbook, H. F. Winterkorn and H.-Y. Fang, eds., Van Nostrand Reinhold, New York, 1975, pp 221-243. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
154. Cedergren, H. R., "Seepage Control in Earth Dams," Embankment-Dam Engineering, R. C. Hirschfield and S. J. Poulos, eds., Wiley, New York, 1973, pp 21-45. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
155. Cedergren, H. R., Seepage, Drainage and Flow Nets, 2nd ed., Wiley, New York, 1977. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
156. Christian, J. T., "Flow Nets by the Finite Element Method," Ground Water, Vol 18, No. 2, Mar-Apr 1980a, pp 178-181. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
157. Christian, J. T., "Flow Nets from Finite Element Data," International Journal for Numerical and Analytical Methods in Geomechanics, Vol 4, Apr-Jun 1980b, pp 191-196. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
158. Chugaev, R. R., "Seepage Through Dams," Advances in Hydroscience, V. T. Chow, ed., Academic Press, New York, Vol 7, 1971, pp 283-325. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
159. Coffman, J. A., Jr., and Franks, L. W., "Rehabilitating the Muskingum River System," Transactions of the Fourteenth International Congress on Dams, Q52 R.50, Rio de Janeiro, Brazil, 1982, pp 827-845. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
160. Couch, F. B., and Ressi deCervia, A. L., "Seepage Cutoff Wall Installed Through Dam is Construction First," Civil Engineering, American Society of Civil Engineers, Vol 49, No. 1, Jan 1979, pp 62-66. Available from:

- Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
161. Coxon, R. E., and Crook, D. E., "Some Simple Approaches to Leakage Detection in Dams," Transactions of the Twelfth International Congress on Large Dams, Vol II, 1976, Mexico City, pp 527-540. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 162. Dank, A. I., The Influence of Sand on the Engineering Properties of Cement Bentonite Slurry Used for Cut-off Walls, M.S. Thesis, Aug 1981, Northwestern University, Evanston, Ill. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 163. D'Appolonia, D. J., "Soil-Bentonite Slurry Trench Cutoffs," Journal of the Geotechnical Engineering Division, Vol 106, No. GT4, Apr 1980, American Society of Civil Engineers, New York. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 164. Davis, S. N., and Dewiest, R. J. M., Hydrogeology, Wiley, New York, 1966. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 165. Denny, K. J., Grain Size Distribution and Its Effect on the Permeability of Unconsolidated Sands, M.S. Thesis, 1965, University of Texas, Austin, Tex. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 166. Desai, C. S., "Flow Through Porous Media," Numerical Methods in Geotechnical Engineering, C. S. Desai, and J. T. Christian, eds., McGraw-Hill, New York, 1977, pp 458-505. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 167. Desai, C. S., and Abel, J. F., Introduction to the Finite Element Method, Van Nostrand Reinhold, New York, 1972. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 168. Duguid, D. R., et al., "The Slurry Trench Cut-Off for the Duncan Dam," Canadian Geotechnical Journal, Vol 8, No. 1, Feb 1971, pp 94-108. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 169. Dvinoff, A. H., Response of the Phreatic Surface in Earthen Dams to Headwater Fluctuations, Ph. D. Thesis, 1970, Purdue University, West Lafayette, Ind. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

170. Eisenstein, Z., "Computer Analyses in Earth Dam Engineering," Computers in Soil Mechanics: Present and Future, R. L. Schiffman, ed., MAA Publishing Co., Taipei, 1979, pp 79-122. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
171. Fenn, C. D., The Effects of Montmorillonite and Kaolinite Dispersions on the Permeability of a Porous Media, M.S. Thesis, 1966, Mississippi State University, State College, Miss. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
172. Fetter, C. W., Jr. Applied Hydrology, Charles E. Merrill, Columbus, Ohio, 1980. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
173. Fetzer, C. A., "Wolf Creek Dam - Remedial Work, Engineering Concepts Actions, and Results," Transactions of the Thirteenth International Congress on Large Dams, Vol 2, 1979, New Delhi, India, pp 57-82. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
174. Forcheimer, P. H., Hydraulik, Teubner, Berlin, 1914. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
175. Freeze, R. A., and Cherry, J. A., Groundwater, Prentice-Hall, New York, 1979. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
176. Fuquay, G. A., "Foundation Cutoff Wall for Allegheny Reservoir Dam," Closure to discussion, Journal of the Soil Mechanics and Foundations Division, pp 1363-1366, American Society of Civil Engineers, New York, Vol 94, No. SM6, Nov 1968. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
177. Gebhart, L. R. "Foundation Seepage Control Options for Existing Dams," Inspection, Maintenance and Rehabilitation of Old Dams, American Society of Civil Engineers, New York, 1974, pp 660-676. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
178. Greer, D. M., Moorhouse, D. C., and Millet, R. A., "Sheet Pile Interlock Seepage Study," Woodward-Moorhouse & Associates, Inc., New York, 1969. Available from: Woodward-Clyde & Associates, Inc., Two Pennsylvania Plaza, New York, NY 10001.
179. Hanna, T. H., "Diaphragm Walls," Developments in Soil Mechanics, C. R. Scott, ed., Applied Science, London, 1978, pp 213-249. Available

- from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
180. Harr, M. E., Groundwater and Seepage, McGraw-Hill Book Company, New York, 1962. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 181. Harr, M. E., Mechanics of Particulate Media, McGraw-Hill, New York, 1977. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 182. ICOS, "The ICOS Company in Underground Works," Vol 3, 1968, Milano, Italy. Available from: ICOS Corporation of America, Four West 58th Street, New York, NY 10019.
 183. Isaacs, L. T., "Adjustment of Phreatic Line in Seepage Analysis by Finite Element Method," Research Report No. CE2, Mar 1979, Department of Civil Engineering, University of Queensland, Australia. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 184. Isaacs, L. T., "Location of Seepage Free Surface in Finite Element Analyses," Transactions, Institution of Engineers, Australia, Vol CE22, No. 1, Feb 1980, pp 9-16. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 185. Jacob, C. E., "Flow of Groundwater," Engineering Hydraulics, H. Rouse, ed., Wiley New York, 1950, p 346. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 186. Jansen, R. B., "Engineering of Earth and Rockfill Dams in California," presented at Recent Developments in the Design and Construction of Earth and Rockfill Dams, Mar 1968, University of California, Berkeley. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 187. Jefferis, S. A., "Bentonite-Cement Slurries for Hydraulic Cut-Offs," Proceedings, Tenth International Conference on Soil Mechanics and Foundation Engineering, Stockholm, Sweden, Vol 1, 1981, pp 435-440. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 188. Jenkins, J. D., and Bankofier, D. E., "Hills Creek Dam Seepage Correction," Performance of Earth and Earth-Supported Structures, American Society of Civil Engineers, New York, 1972, pp 723-733. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

189. Johnson Division, Universal Oil Products Co., Ground Water and Wells, St. Paul, Minn., 1972. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
190. Jones, J. C., "Deep Cut-Offs in Pervious Alluvium Combining Slurry Trenches and Grouting," Proceedings of the 9th International Congress on Large Dams, Istanbul, Turkey, Vol 1, 1967, pp 509-524. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
191. Jones, L. B., "Reservoir Seepage and Ground Water Control, McNary Reservoirs," paper presented at the American Society of Civil Engineer Convention, Phoenix, Ariz., 1961. Available from: Shannon & Wilson, Inc., 1105 North 38th Street, Seattle, WA 98103.
192. Kaufman, R. I., "Effect of Top Stratum Permeability on Design of Seepage Control Measures," In Situ Measurement of Soil Properties, North Carolina State University, Vol II, 1976, pp 39-45. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
193. Klohn, E. J., "Seepage Control for Tailings Dams," Mine Drainage, G. O. Argall, Jr., ed., Miller Freeman Publications, San Francisco, 1979, pp 671-725. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
194. Knabach, M. L., and Dingle, S. O., "Slurry Trench Cutoff in Dam Construction," Paper No. 74-2014 presented at American Society of Agricultural Engineers Meeting, Stillwater, Okla., 1974. Available from: American Society of Agricultural Engineers, P. O. Box 229, St. Joseph, MI 49085.
195. Koerner, R. M., Lord, A. E., Jr., and McCabe, W. M., "Acoustic Emission (Microseismic) Monitoring of Earth Dams," The Evaluation of Dam Safety, American Society of Civil Engineers, New York, 1977, pp 274-291. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
196. Kramer, H., "Deep Cutoff Trench of Puddled Clay for Earth Dam and Levee Protection," Engineering News Record, Vol 136, No. 26, 27 Jun 1946, pp 76-80. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
197. Krumbein, W. C., and Pettijohn, F. J., Manual of Sedimentary Petrography, Appleton-Century Crofts, New York, 1938. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

198. Krumbein, W. C., and Sloss, L. L., Stratigraphy and Sedimentation, W. H. Freeman, San Francisco, 1951. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
199. Kruseman, G. P., and DeRidder, N. A., "Analysis and Evaluation of Pumping Test Data," Bulletin 11, 1970, International Institute for Land Reclamation and Improvement, Wageningen, Netherlands. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
200. Lambe, T. W., Soil Testing for Engineers, Wiley, New York, 1951. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
201. Lambe, T. W., and Whitman, R. V., Soil Mechanics, Wiley, New York, 1969. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
202. Lane, K. S., and Wohlt, P. E., "Performance of Sheet Piling and Blankets for Sealing Missouri River Reservoirs," Transactions of the Seventh International Congress on Large Dams, Vol 4, 1961, pp 25, Rome, Italy. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
203. La Russo, R. S., "Wanapum Development - Slurry Trench and Grouted Cut-Off," Grouts and Drilling Muds in Engineering Practice, 1963, pp 196-201, Butterworths, London. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
204. Lefebvre, G. C. L., Pare, J. J., and Tournier, J.-P., "Effectiveness of Seepage Control Elements for Embankments on Semipervious Foundations," Canadian Geotechnical Journal, Vol 18, No. 4, Nov 1981, pp 572-576. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
205. Leonards, G. A., ed., Foundation Engineering, McGraw-Hill, New York, 1962. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
206. Leps, T. M., "Flow Through Rockfill," Embankment-Dam Engineering, R. C. Hirschfield and S. J. Poulous, eds., Wiley, New York, 1973, pp 87-107. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
207. Lewis, D. C., Kriz, G. J., and Burgy, R. H., "Tracer Dilution Sampling Techniques to Determine Hydraulic Conductivity of Fractured Rock," Water Resource Research, Vol 2, No. 3, 1966. Available from: Technical

30 Sep 86

- Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
208. Ley, J. E. "Foundations of Existing Dams - Seepage Control," Inspection, Maintenance and Rehabilitation of Old Dams, American Society of Civil Engineers, New York, 1974, pp 584-608. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 209. Logani, K. L., and Lhez, M. H. H., "Dispersive Soils Used in the Construction of the Ullum Dam in Argentina," Proceedings of the Sixth Panamerican Conference on Soil Mechanics and Foundation Engineering, Vol 111, Dec 1979, Lima, Peru, pp 394-411. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 210. London, A. G., "The Computation of Permeability from Simple Soil Tests," Geotechnique, Vol 3, No. 4, 1952, pp 165-183. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 211. Louis, c., "A Study of Groundwater Flow in Jointed Rock and Its Influence on the Stability of Rock Masses," Rock Mechanics Research Report No. 10, 1969, Imperial College, London, England. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 212. Lovenbury, H. T., "The Detection of Leakage Through the Core of an Existing Dam," Field Instrumentation in Geotechnical Engineering, Wiley, 1974, pp 240-248. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 213. Lowe, J., III. "Foundation Design - Tarbela Dam," The Fourth Nabor Carrillo Lecture, Mexican Society for Soil Mechanics, Mexico, 1978. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 214. Lynch, E. J., Formation Evaluation, Harper and Row, New York, 1962. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 215. Maini, Y. N. T., In Situ Hydraulic Parameters in Jointed Rock: Their Measurement and Interpretation, Ph. D. Dissertation, 1971, Imperial College, London, England. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 216. Mansur, C. I., and Dietrich, R. J., "Pumping Test to Determine Permeability Ratio," Journal of the Soil Mechanics and Foundations Division, Vol 91, No. SM4, Jul 1965, American Society of Civil Engineers, New York, pp 151-183. Available from: Technical Information

- Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
217. Mantei, C. L., and Harris, D. W., "Finite Element Seepage Analysis on Reclamation Dams," Preprint 3691, paper presented at American Society of Civil Engineers Convention and Exposition, Atlanta, Ga., Oct 1979. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
218. Marsal, R. J., and Resendiz, D., "Effectiveness of Cutoffs in Earth Foundations and Abutments of Dams," Proceedings of the Fourth Pan-American Conference on Soil Mechanics and Foundation Engineering, Vol 1, Jun 1971, San Juan, Puerto Rico, pp 237-312. Available from: Technical Information Center,, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
219. Masch, F. D., and Denny, K. J., "Grain Size Distribution and Its Effect on the Permeability of Unconsolidated Sands," Water Resources Research, Vol 2, No. 4, 1966, pp 665-677. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
220. McDaniel, T. N., and Decker, R. S., "Dispersive Soil Problem at Los Esteros Dam," Journal of the Geotechnical Engineering Division, Vol 105, No. GT9, Sep 1979, pp 1017-1030, American Society of Civil Engineers, New York. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
221. Meier, J. G., and Rettberg, W. Q., "Report on Cement-Bentonite Slurry Trench Cutoff Wall: Filden Tailings Project," Tailings Disposal Today, Vol 2, pp 341-365, 1978, Miller Freeman Publications, San Francisco. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
222. Miller, E. A., and Salzman, G. S., "Value Engineering Saves Dam Project," Civil Engineering, American Society of Civil Engineers, Vol 50, No. 8, Aug 1980, pp 51-55. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
223. Millet, R. A., and Perez, J.-Y., "Current USA Practice: Slurry Wall Specifications," Journal of the Geotechnical Engineering Division, American Society of Civil Engineers, Vol 107, No. GT8, Aug 1980, pp 1041-1056. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
224. Milligan, V., "Field Measurement of Permeability in Soil and Rock," In Situ Measurement of Soil Properties, American Society of Civil Engineers, New York, Vol 2, 1976, pp 3-36. Available from: Technical

30 Sep 86

- Information Center, U. S. Army Engineer Waterways Experiment Station,
P. O. Box 631, Vicksburg, MS 39180-0631.
225. Missbach, A., "Listy Cukrovar," Vol 55, 1937, p 293, Prague,
Czechoslovakia. Available from: Technical Information Center, U. S.
Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS
39180-0631.
226. Mitchell, J. K., Fundamentals of Soil Behavior, Wiley, New York, 1976.
Available from: Technical Information Center, U. S. Army Engineer
Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
227. Mitchell, J. K., Guzikowski, F., and Villet, W. C. B., "The Measurement
of Soil Properties In-Situ," Report No. LBL-6363, Mar 1978, Department
of Civil Engineering, University of California, Berkeley, Calif. Avail-
able from: Technical Information Center, U. S. Army Engineer Waterways
Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
228. Morgenstern, N., and Amir-Tahmasseb, I., "The Stability of a Slurry
Trench in Cohesionless Soils," Geotechnique, Vol 15, No. 1, Dec 1965,
pp 387-395. Available from: Technical Information Center, U. S. Army
Engineer Waterways Experiment Station, P. Q. Box 631, Vicksburg,
MS 39180-0631.
229. Muskat, M., The Flow of Homogeneous Fluids Through Porous Media,
J. W. Edwards, Ann Arbor, Mich., 1946. Available from: Technical Infor-
mation Center, U. S. Army Engineer Waterways Experiment Station, P. O.
Box 631, Vicksburg, MS 39180-0631.
230. Nash, J. K. T. L., "Slurry Trench Walls, Pile Walls, Trench Bracing,"
Proceedings, Sixth European Conference on Soil Mechanics and Foundation
Engineering, Vienna, Austria, Vol 2.1, 1976, pp 27-32. Available from:
Technical Information Center, U. S. Army Engineer Waterways Experiment
Station, P. O. Box 631, Vicksburg, MS 39180-0631.
231. Nash, J. K. T. L., and Jones, G. K., "The Support of Trenches Using
Fluid Mud," Grouts and Drilling Muds in Engineering Practice, 1963,
pp 177-180, Butterworths, London. Available from: Technical Informa-
tion Center, U. S. Army Engineer Waterways Experiment Station, P. O.
Box 631, Vicksburg, MS 39180-0631.
232. Neuman, S. P. "Analysis of Pumping Test Data from Anisotropic Uncon-
fined Aquifers Considering Delayed Gravity Response," Water Resource
Research, Vol 11, 1975, pp 329-342. Available from: Technical Informa-
tion Center, U. S. Army Engineer Waterways Experiment Station, P. O.
Box 631, Vicksburg, MS 39180-0631.
233. Olson, R. E., and Daniel, D. E., "Field and Laboratory Measurement of
the Permeability of Saturated and Partially Saturated Fine-Grained
Soils," paper presented at the American Society for Testing and
Materials Symposium on Permeability and Groundwater Contaminant
Transport, Philadelphia, Pa., Jun 1979. Available from: Technical

30 Sep 86

- Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
234. Parker, D. G., and Thornton, S. I., "Permeability of Fly Ash and Fly Ash Stabilized Soils," Dec 1976, Department of Civil Engineering, University of Arkansas, Fayetteville, Ark. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 235. Pavlovsky, N. M., Collected Works, 1956, Akad. Nauk USSR, Leningrad (cited in Harr 1977). Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 236. Pavlovsky, N. M., "Seepage Through Earth Dams," Instit. Gidrotekhniki i Melioratsii, 1931, Leningrad, USSR, translated by U. S. Army Corps of Engineers. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 237. Perloff, W. H., and Baron, W., Soil Mechanics, Ronald Press, New York, 1976. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 238. Pettyjohn, W. A., et al., "A Ground-Water Quality Atlas of the United States," May 1979, National Demonstration Water Project, Washington, D. C. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 239. Polubarinova-Kochina, P. Ya., "Concerning Seepage in Heterogeneous (Two-Layered) Media," Inzhenernii Sbornik, Vol 1, No. 2, 1941 (cited in Harr 1977). Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 240. Prickett, T. A., "Ground-Water Computer Models - State of the Art," Ground Water, Vol 17, No. 2, Mar-Apr 1979, pp 167-173. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 241. Prickett, T. A., "Modeling Techniques for Groundwater Evaluation," Advances in Hydroscience, Vol 10, 1975, V. T. Chow, ed., Academic Press, New York. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
 242. Prickett, T. A., and Lonquist, C. G., "Selected Digital Computer Techniques for Groundwater Resource Evaluation," Bulletin 55, 1971, Illinois State Water Survey, Urbana, Ill. Available from: Technical

30 Sep 86

- Information Center, U. S. Army Engineer Waterways Experiment Station,
P. O. Box 631, Vicksburg, MS 39180-0631.
243. Quirk, J. P., and Schofield, R. J., "The Effect of Electrolyte Concentration on Soil Permeability," Journal of Soil Science, Vol 6, No. 2, 1955, pp 163-178. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
244. Radukic, V., "Observed Behavior of Embankment Dams at Some Typical Interfaces," Proceedings, Thirteenth International Congress on Large Dams, India, Vol 1, 1979, pp 1005-1922. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
245. Rouse, H., and Ince, S., History of Hydraulics, State University of Iowa, Iowa City, 1957. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
246. Royster, D. L. "Some Observations on the Use of Horizontal Drains in the Correction and Prevention of Landslides," Tennessee Department of Transportation, Nashville, Tenn. 1977. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
247. Rushton, K. R., and Redshaw, S. C., Seepage and Groundwater Flow, Wiley, New York, 1979. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
248. Ryan, C. R., "Slurry Cut-Off Walls, Design and Construction," paper presented at Slurry Wall Construction, Design, Techniques, and Procedures Course, Chicago, Ill., Apr 1976. Available from: GO-CON, Inc., P. O. Box 17380, Pittsburgh, PA 15235.
249. Ryan, C. R., "Slurry Cut-Off Walls, Design Parameters and Final Properties," paper presented at Slurry Wall Construction, Design, Techniques, and Procedures Course, Miami, Fla., Feb 1977. Available from: GO-CON, Inc., P. O. Box 17380, Pittsburgh, PA 15235.
250. Schwartz, P. H., Analysis and Performance of Hydraulic Sand-Fill Levees, Ph. D Thesis, University of Iowa City, Iowa, May 1976. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
251. Scott, R. F., Principles of Soil Mechanics, Addison-Wesley, Reading, Mass., 1963. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

252. Sherard, J. L., A Study of the Influence of the Earthquake Hazard on the Design of Embankment Dams, Jul 1966, Woodward, Clyde, Sherard & Associates, Oakland, Calif. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
253. Sherard, J. L., "Earthquake Considerations in Earth Dam Design," Journal of the Geotechnical Engineering Division, Vol 93, No. SM4, Jul 1967, American Society of Civil Engineers, New York. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
254. Sherard, J. L., "Sinkholes in Dams of Coarse, Broadly Graded Soils," Transactions of the 13th International Congress on Large Dams, New Delhi, India, Vol 11, 1979, pp 25-35. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
255. Sherard, J. L., "Some Considerations Concerning Underseepage Control for Earth Dams," Proceedings of the Symposium on Earth and Rockfill Dams, India, Vol 1, 1968, pp 204-214. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
256. Sherard, J. L., et al., Earth and Earth-Rock Dams, Wiley, New York, 1963. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
257. Singh, B., and Sharma, H. D., Earth and Rockfill Dams, Sarita Prakashan, India, 1976. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
258. Snow, D. T., A Parallel Plate Model of Fractured Permeability Media, Ph. D Dissertation, 1965, University of California, Berkeley, Calif. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
259. Soletanche, "Laguna Dam, Mexico, 1970," Paris, France. Available from: RECOSOL, Rosslyn Center, 1700 North Moore Street, Suite 2200, Arlington, VA 22209.
260. Soletanche, "Los Reyes Dam, Mexico, 1972," Paris, France. Available from: RECOSOL, Rosslyn Center, 1700 North Moore Street, Suite 2200, Arlington, VA 22209.
261. Soletanche, "Nexapa Dam, Mexico, 1971-1972," Paris, France. Available from: RECOSOL, Rosslyn Center, 1700 North Moore Street, Suite 2200, Arlington, VA 22209.

30 Sep 86

262. Soletanche, "Tenango Dam, Mexico, 1971," Paris, France. Available from: RECOSOL, Rosslyn Center, 1700 North Moore Street, Suite 2200, Arlington, VA 22209.
263. Soletanche, "The Razaza Dam, Iraq, 1969," Paris, France. Available from: RECOSOL, Rosslyn Center, 1700 North Moore Street, Suite 2200, Arlington, VA 22209.
264. Sowers, G. F., Earth and Rockfill Dam Engineering, Asia Publishing House, New York, 1962. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
265. Sowers, G. F., "Earth Dam Failures," Lectures of the Seminar, Failures of Large Dams, Reasons and Remedial Measures, W. Wittke, ed., Publication No. 4, 1977, Institute for Foundation Engineering, Soil Mechanics, Rock Mechanics, and Waterways Construction, Aachen, Germany, pp 178-226. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
266. Stephenson, D., Rockfill Hydraulic Engineering, Elsevier, New York, 1979. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
267. Strohm, W. E., Nettles, E. H., and Calhoun, C. C., "Study of Drainage Characteristics of Base Course Materials," Symposium on Subsurface Drainage, Highway Research Record 203, 1967, pp 8-28, Highway Research Board. Washington. D. C. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
268. Taylor, D. W., Fundamentals of Soil Mechanics, Wiley, New York, 1948. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
269. Taylor, H., and Chow, Y. M., "Design Monitoring, and Maintaining Drainage System of a High Earthfill Dam," Transactions, Twelfth International Congress on Large Dams, Mexico, Vol 2, 1976, pp 147-167. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
270. Telford, W. F., et al., Applied Geophysics, Cambridge University Press, New York, 1976. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
271. Telling, R. M., Menzies, B. K., and Coulthard, J. M., "A Design Method for Assessing the Effectiveness of Partially Penetrating Cut-Off Walls," Ground Engineering, Vol 11, No. 8, Nov 1978, pp 48-51. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

272. Telling, R. M., Menzies, B. K., and Simons, N. E., "Cut-Off Efficiency, Performance and Design," Ground Engineering, Vol 11, No. 1, Jan 1978a, pp 30-43. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
273. Telling, R. M., Menzies, B. K., and Simons, N. E., "The Effectiveness of Jointed Cut-Off Walls Beneath Dams on Pervious Soil Foundations," Ground Engineering, Vol 11, No. 4, May 1978b, pp 27-37. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
274. Terzaghi, K., Theoretical Soil Mechanics, Wiley, New York, 1943. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
275. Terzaghi, K., and Peck, R. B., Soil Mechanics in Engineering Practice, 2d ed., Wiley, New York, 1967. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
276. Theis, C. V. "The Relation Between the Lowering of the Piezometric Surface and the Rate and Duration of Discharge of a Well Using Groundwater Storage," Transactions of American Geophysics Union, Vol 16, 1935, pp 519-524. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
277. Thomas, H. H., The Engineering of Large Dams, Vol II, Wiley, 1976. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
- 278; Todd, D. D., and Bear, J., "River Seepage Investigation," Water Resources Center Contribution No. 20, Sep 1959, Hydraulic Laboratory, University of California, Berkeley. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
279. Todd, D. K., Groundwater Hydrology, 2nd ed., Wiley, New York, 1980. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
280. Turkish National Committee, "Investigation of Leakages at Keban Dam," Transactions of the Twelfth International Congress on Large Dams, Vol II, 1976, Mexico City, pp 459-483. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
281. Twelker, N. H., "Analysis of Seepage in Pervious Abutments of Dams," Proceedings of the Fourth International Conference on Soil Mechanics and Foundation Engineering, London, England, Vol 2, 1957, pp 389-393.

30 Sep 86

- Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
282. Vaughan, P. R., "Design of Filters for the Protection of Cracked Dam Cores Against Internal Erosion," Preprint 3420, Oct 1978, American Society of Civil Engineers, New York. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
283. Vaughan, P. R., et al., "Cracking and Erosion of the Rolled Clay Core of Balderhead Dam and the Remedial Works Adopted for Its Repair," Transactions of the Tenth International Congress on Large Dams, Vol 1, 1970, Montreal, Canada, pp 73-93. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
284. Veder, C., "Closing Address," Diaphragm Walls and Anchorages, 1975, pp 221-225, Institution of Civil Engineers, London. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
285. Veder, C., "Excavation of Trenches in the Presence of Bentonite Suspension for the Construction of Impermeable and Load-Bearing Diaphragms," Grouts and Drilling Muds in Engineering Practice, Butterworths, London, 1963, pp 181-188. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
286. Vennard, J. K., Elementary Fluid Mechanics, 4th ed., Wiley, New York, 1965. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
287. Walton, W. C., "Selected Analytical Methods for Well and Aquifer Evaluation," Bulletin 49, 1962, Illinois State Water Survey, Urbana, Ill. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
288. Wei, C.-Y., and Shieh, W. Y. J., "Transient Seepage Analysis of Guri Dam," Journal, Technical Councils, American Society of Civil Engineers, Vol 105, No. TC1, Apr 1979, pp 135-147. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
289. Wilkins, J. K., "Flow of Water Through Rockfill and Its Application to the Design of Dams," Proceedings, Second Australia-New Zealand Conference on Soil Mechanics and Foundation Engineering, New Zealand, 1956, pp 141-149. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.

30 Sep 86

290. Wilson, C. R., and Witherspoon, P. A., "An Investigation of Laminar Flow in Fractured Porous Rocks," 1970, Department of Civil Engineering, University of California, Berkeley, Calif. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
291. Wilson, S. D., and Marsal, R. J., "Current Trends in Design and Construction of Embankment Dams," 1979, American Society of Civil Engineers. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
292. Winter, G., and Nilson, A. H., Design of Concrete Structures, 9th ed., McGraw-Hill, New York, 1979. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
293. Xanthakos, P. P., Slurry Walls, McGraw-Hill, New York, 1979. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
294. Yong, R. N., and Warkentin, B. P., Introduction to Soil Behavior, Macmillan, New York, 1966. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.
295. Younger, J. S., and Lim, C. I., "An Investigation into the Flow Behavior Through Compacted Saturated Fine-Grained Soils with Regard to Fines Content and over a Range of Applied Hydraulic Gradients," Fundamentals of Transport Phenomena in Porous Media, International Association for Hydraulic Research, New York, 1972, pp 312-326. Available from: Technical Information Center, U. S. Army Engineer Waterways Experiment Station, P. O. Box 631, Vicksburg, MS 39180-0631.