

# APPENDIX E

## List of Supporting Data

**NATIONAL CLASS V INVENTORY AND ASSESSMENT**

**REPORT TO CONGRESS**

**SUPPORTING DATA INDEX**

**Drainage Wells**

**Agricultural Drainage Wells:**

1. Synopsis of Agricultural Drainage Reports Prepared by EPA Region VII UIC Section - November 1986.
2. Iowa Agricultural Drainage Well Assessment Report.
3. Assessment of Irrigation Return Flow Wells in Arizona - September 1986.

**Stormwater and Industrial Drainage Wells:**

4. Preliminary Assessment of the Impact of Stormwater Drainage Wells on Groundwater Quality - Roanoke, Virginia - September 1983.
5. Evaluation of Stormwater Drainage (Class V) Wells, Muscle Shoals Area, Alabama - 1986.
6. A Case Study of Dry Well Recharge (Southwest U.S.) - September 1983.
7. Evaluation of Sump Impacts on Ground Water in East Mutnomah County, Washington - April 1986.
8. The Impact of Stormwater Runoff on Groundwater Quality and Potential Mitigation (Washington State) - October 1984. (Cover page only)

9. Potential of Ground Water Impacts Resulting From Storm Water Runoff Disposal in Spokane County, Washington - December 1983. (Cover page only)
10. Results of Dry Well Monitoring Project for a Commercial Site in the Phoenix Urban Area - July 1985. (Cover page only)
11. Study of the Effects on a Potable Groundwater System - Progress Report (Montana) - November, 1986. (Cover page only)
12. Storm Water Drainage Wells in the Karst Areas of Kentucky and Tennessee - Extended Inventory of Drainage Wells in Kentucky and Tennessee - September 1984. (Cover page only)

**Improved Sinkholes:**

(Supporting Data Pending State Report Submittals)

**Special Drainage Wells:**

(Supporting Data Pending State Report Submittals)

**Geothermal Wells**

**Electric Power and Direct Heat Reinjection Wells:**

13. Case Study: Moana - Steamboat Hot Springs, Nevada.

**Heat Pump/Air Conditioning Return Flow Wells:**

14. Case Studies: Massachusetts, Minnesota, Oregon

**Aquaculture Disposal Wells:**

15. UIC Inspection Report - Marine Culture Enterprises, Laie, Oahu, Hawaii.

**Domestic Wastewater Disposal Wells**

**Raw Sewage Waste Disposal Wells and Cesspools:**

16. UIC Inspection Report (Inspection 4) - Laie Cesspool Sump, Oahu, Hawaii.
17. UIC Inspection Report (Inspection 8) - Haliewa Shopping Plaza, Haliewa, Hawaii.
18. UIC Inspection Report (Inspection 17) - Honakaa Hospital, Honakaa, Hawaii.
19. Contamination of Underground Water in the Bellvue (Ohio) Area - June 1961.
20. An Assessment of Class V Underground Injection in Illinois - July 1986 (Selected pages)

**Septic Systems:**

21. Industrial Owned Septic Systems - San Fernando Valley, California.

**Sewage Treatment Plant Disposal Wells:**

22. Notification of Threat to Underground Source of Drinking Water (USDW) - Arecibo, Puerto Rico - July, 1986.
23. Case Study: Recharge Wells - Teton Village, Wyoming.

**Mineral and Fossil Fuel Recovery Related Wells**

**Mining, Sand or Other Backfill Wells:**

(Supporting Data Pending State Report Submittals)

**Solution Mining Wells:**

24. UIC Program Inspection Report - Noranda Lakeshore Mines, Inc., Casa Grande, Arizona.

**In Situ Fossil Fuel Recovery Wells:**

25. Case Study: Underground Coal Gasification - USDOE Hanna Area, Wyoming.
26. Case Study: Oil Shale In Situ Retorting - USDOE Rock Springs Site, Wyoming.

**Spent Brine Return Flow Wells:**

27. Types of Class V Injection Wells with Potential for Use in Arkansas - Brine Disposal Injection Wells.
28. Results from Analysis of Brine Disposal Injection Well Injection Fluid (Arkansas).
29. Class V Brine Disposal Injection Well Plugging Details (Arkansas).

**Oil Field Production Waste Disposal Wells**

**Air Scrubber and Water Softener Regeneration Brine Disposal Wells**

30. UIC Program Inspection Reports - Texaco Producing, Inc., San Ardo Field, San Ardo, California.
31. UIC Program Inspection Report - Tosco Enhanced Oil Recovery Corporation, Newhall, California.

Industrial, Commercial, Utility Disposal Wells

**Cooling Water Return Flow Wells:**

32. Synopsis of Case Studies: Hawaii, Massachusetts, Minnesota, Nebraska, Wyoming.

**Industrial Process Water and Waste Disposal Wells:**

33. Case Study I: Components, Inc., Keenebunk, Maine.
34. Case Study II: Southern Maine Finishing Co., East Waterboro, Maine.
35. Case Study III: York Aviation, Sanford Airport Industrial Park, Maine.
36. Case Study IV: Eastern Air Devices, Dover, New Hampshire.
37. Case Study V: Viscase Puerto Rico Corp., Barceloneta, Puerto Rico.
38. Case Study VI: RCA del Caribe, Inc., Barceloneta, Puerto Rico.
39. Case Study VII: Glamourette Fashion Mills, Quebradillos, Puerto Rico.
40. Case Study VIII: Lotus, Barceloneta, Puerto Rico.
41. Case Study IX: Kendall McGraw Laboratories, Sabana Grande, Puerto Rico.
42. Case Study X: Various Automobile Dealers, Long Island, New York.
43. Case Study XI: Permit Compliance System, New York.
44. Case Study XII: Lehigh Portland Cement Co., Woodsboro, Maryland.

45. Case Study XIII: Applied Electro-Mechanics, Inc.,  
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46. Case Study XIV: Hammermill Paper Co., Erie,  
Pennsylvania.
47. Case Study XV: Rodale (Square D), Emmaus Borough,  
Pennsylvania.
48. Case Study XVI: National Wood Preservers, Haverford  
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49. Case Study XVII: Highway Auto Service Station,  
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50. Case Study XVIII: Franklin A. Holland & Son, New  
Church, Virginia.
51. Case Study XIX: Reverse Osmosis Brine Facility,  
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52. Case Study XX: American Cyanamid, Michigan City,  
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53. Case Study XXI: Puregro Co., Bakersfield,  
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54. Case Study XXII: Mefford Field, Tulare, California.
55. Case Study XXIII: Kearney-KPF, Stockton, California.
56. Case Study XXIV: T.H. Agricultural and Nutrition  
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57. Case Study XXV: Various Petroleum Refineries,  
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58. Case Study XXVI: Unidynamics, Goodyear, Arizona.
59. Case Study XXVII: Honeywell, Phoenix, Arizona.

60. a. Table 1: Class V Deep Industrial Waste Disposal Wells.
- b. Table 2: Class V Shallow Industrial Waste Disposal Wells.
- c. Table 3: Class V Industrial Waste Disposal Wells of Unknown Depth.

Prevs.

**Gasoline Service Station Disposal Wells:**

61. Table: Contaminant Levels in Samples Collected at Catch Basins and Disposal Wells at Gasoline Service Station and other Industrial Facilities in Long Island, New York.

**Recharge Wells**

**Aquifer Recharge Wells:**

62. Class V Connector Wells (Class V Type 5R21 Wells) (Florida).
63. National Artificial Recharge Activity - Past and Present Projects, Demonstrations, Pilot Projects, Experiments, and Studies - 1986.
64. Assessment of Irrigation Dual Purpose Wells, Texas, 1984.

**Saline Water Intrusion Barrier Wells:**

65. Injection/Extraction Well System - A Unique Seawater Intrusion Barrier (Palo Alto, California), 1977.

**Subsidence Control Wells:**

- 66. Case History No. 9.11. Alabama, U.S.A.
- 67. Case History No. 9.12. The Houston-Galveston Region,  
Texas, U.S.A.
- 68. Case History No. 9.13. San Joaquin Valley, California,  
U.S.A.
- 69. Case History No. 9.14. Santa Clara Valley, California,  
U.S.A.

**Miscellaneous Wells**

**Radioactive Waste Disposal Wells:**

- 70. Subsurface Disposal of Liquid Low-Level Radioactive  
Wastes at Oak Ridge, Tennessee - March 1986.
- 71. Reverse Wells (Hanford, Washington).
- 72. Pertinent Correspondence and Information.

**Experimental Technology Wells:**

- 73. Aquifer Thermal Storage Experiments at the University  
of Minnesota, St. Paul, Minnesota, U.S.A.
- 74. "The Cross Section" Newsletter Article (Texas):  
Secondary Recovery Research Continues - Mound of Water  
Present Following Air-Injection Test - July 1985.

**Aquifer Remediation Related Wells:**

- 75. Aquifer Remediation Wells in Oklahoma.
- 76. Wells Used for Aquifer Recharge - Colorado.
- 77. Cleaning Up Chemical Wastes - Army Moves to  
Decontaminate Denver Aquifer - March 1981.
- 78. Selected Excerpt from Alabama State Report.

**Abandoned Drinking Water/Waste Disposal Wells:**

79. Abandoned Well Information (Minnesota).

80. Permanent Well and Test Hole Abandonment (USEPA).

81. Sealing Abandoned Wells (AWWA).

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