Illinois Institute of Natural Resources

State Water Survey Division

605 East Springfield
P.O. Box 5050, Station A
Champaign, IL 61820
217/333 2210

May 13, 1981

Mr. Don Pape
"D" Appolonia
7400 S. Alton Court
Englewood, CO 80112

EPA Region 5 Records Ctr.
291405

Dear Mr. Pape:

At your request, we have examined our records for an area 15 miles in radius centered one mile west of Thayer, Illinois for any public groundwater supplies. The following is a list by county of the public water supplies we found, along with their average daily water use and the approximate location of their source. We also have plotted the location of these water supplies on copies of 1:250000 U.S.G.S. 2 degree maps of this area. Some of the newer reservoirs used as sources for these supplies do not show up on these older maps. However, the locations where they presently exist are circled.

Christian County

The southwestern end of Lake Kincaid is included in the area of interest. This lake supplies water for several communities, water districts and anelectric power plant.

Public Water Supply-Owner	Million Gallons Per Day Used (MGD)	Source of Supply
Macoupin County		
ADGPTV (Auburn, Divernon, Girard, Pawnee, Thayer, and Virden) Water Comm.	1.20	Otter Lake, T. 11-12N., R. 7W., Macoupin Co.
City of Girard	0.150	Finished water purchased from ADGPTV Water Comm.
Village of Modesto	0.016	Finished water purchased from Palmyra-Modesto Water Comm.
Town of Nilwood	0.060	Finished water purchased from ADGPTV Water Comm.
Village of Palmyra	0.050	Finished water purchased from Palmyra-Modesto Water Comm.

Public Water Supply - Owner	(MGD) Used	Source of Supply
Palmyra-Modesto Water Comm.	0.066	Palmyra-Modesto Lake located in Secs. 34-35, T. 12 N., R. 8W., Macoupin Co.
City of Virden	0.270	Finished water purchased from ADGPTV Water Comm.

Montgomery County

Village of Farmersville 0.070 Six drilled drift wells

Well locations: No. 1 - 1380 ft. N and 50 ft. E of SW corn. Sec. 4-depth-52ft.
No. 2 - 2400 ft. S and 2120 ft. E of NW corn. Sec.4-depth-45ft.
No. 3 - 520 ft. N and 1170 ft. W of SE corn. Sec. 5-depth-51ft.
No. 4 - 1124 ft. N and 1330 ft. W of SE corn. Sec.30-depth-70ft.
No. 5 - 2300 ft. N and 60 ft. E of SW corn. Sec. 8-depth-48ft.
No. 6 - 2150 ft. W and 50 ft. S of NE corn. Sec. 18-depth-44½ft.

All wells are in T. 11 N., R. 5 W., Montgomery County.

Village of Waggoner 0.070 Two drilled drift wells

Well locations: No. 1 - 50 ft. S and 800 ft. W of NE corn. Sec. 29-depth-52 ft.
No. 2 - 508 ft. N and 12 ft. W of SE corn. Sec. 20-depth-53½ ft.

Both wells are in T. 11 N., R. 5 W., Montgomery County.

Morgan County

Village of Franklin	0.045	Finished water purchased from the City of Waverly.
City of Waverly	0.160	Waverly Lake located in T. 13N., R. 8W., Sec. 5, Morgan Co.

Sangamon County

City of Auburn	0.220	Finished water purchased from ADGPTV Water Comm.
✓ Village of Chatham	0.385	Finished water purchased from the City of Springfield
Village of Divernon SW of Pawnee	0.067	Finished water purchased from the ADGPTV Water Comm.
? ✓ Village of Loami	0.058	Reservoir on Lick Creek located in Sec. 15, T. 14 N., R. 7W., Sangamon County SW of Curran
✓ Village of New Berlin	0.080	Reservoir on Spring Creek located in Sec. 6, T. 15 N., R. 7W., Sangamon County — W of 5th St. S of Jefferson St. Lake Springfield

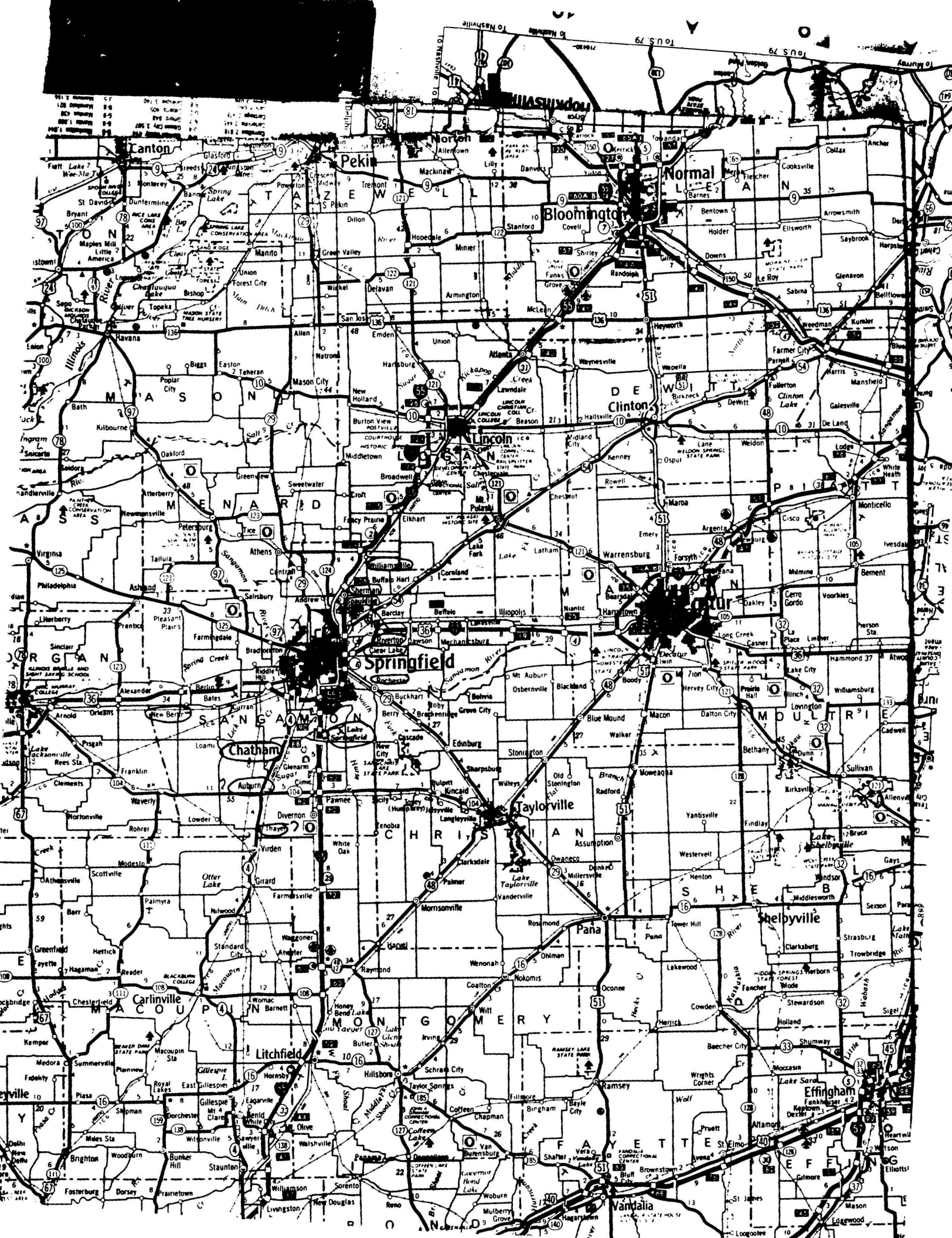
Public Water Supply - Owner	(MGD) Used	Source of Supply
Village of Pawnee - SE of SpFld 5 of 104	0.140	Finished water purchased from the ADGPTV Water Comm.
✓City of Springfield	22.500	Lake Springfield
Village of Thayer	0.046	Finished water purchased from the ADGPTV Water Comm.

If you have any further questions about these water supplies or if we can be of further service, please feel free to call.

Very truly yours,
ILLINOIS STATE WATER SURVEY

Robert D. Olson
Hydrology Assistant
Phone: (217) 333-6800

RDO:kjb
Enclosure



Canton
Pekin
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Normal
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Clinton
Lincoln
Decatur
Springfield
Chatham
Taylorville
Pana
Shelbyville
Carlinville
Litchfield
Effingham
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