

Ground Water's Role in Indiana's Economic Vitality

- **1,600,000 residents served by privately owned individual wells¹**
- **2,295,479 residents served by ground water supplied community water systems²**
- **564,277 households served by privately owned individual wells³**
- **3,626 community supply⁴ wells serving 722 community water systems**
- **683 non-community, non-transient water systems use ground water for 194,177 people⁵**
- **2,890 non-community, transient water systems use ground water for 407,460 people⁶**



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Ground Water Use for Indiana

TOTAL:

Ground water (Mgal/d).....	656
Percentage of total water supply for state	7%

PUBLIC SUPPLY:

Ground water (Mgal/d ⁷).....	345
Percentage of total ground water	53%
Percentage of total public supply	51%

INDIVIDUAL HOUSEHOLD:

Ground water (Mgal/d).....	122
Percentage of total ground water	19%
Percentage of total individual household supply ..	100%

IRRIGATION:

Ground water (Mgal/d).....	56
Percentage of total ground water	8%
Percentage of total irrigation	55%

LIVESTOCK/AQUACULTURE:

Ground water (Mgal/d).....	27
Percentage of total ground water	4%
Percentage of total livestock/aquaculture	0%

INDUSTRIAL, SELF-SUPPLIED:

Ground water (Mgal/d).....	100
Percentage of total ground water	15%
Percentage of total industrial.....	4%

MINING:

Ground water (Mgal/d).....	4
Percentage of total ground water	1%
Percentage of total mining	5%

THERMOELECTRIC:

Ground water (Mgal/d).....	3
Percentage of total ground water	0%
Percentage of total thermoelectric.....	0%

¹ US Geological Survey, March 2004 report on 2000 water use

² US EPA, 2004

³ Based on 1990 Census data, last year in which household wells were counted.

⁴ US EPA, 2004

⁵ US EPA, 2004

⁶ US EPA, 2004

⁷ Mgal/day = millions of gallons per day – fresh, not saline

Indiana's Ground Water Industry Employment

Men and women working to provide and protect Indiana's ground water resources for the benefit of people, business, and our environment.



Indiana's Contracting Employment

Drill and service water wells, install and service pumps, install and service point of use water treatment devices. This portion of the industry is characterized by small firms, many of which are multi-generation family-owned and operated.⁸

188 firms

Employ an estimated 1,072 people⁹

Annual estimated sales of \$54,717,000

Indiana's Scientists & Engineers Employment

Geologists, hydrogeologists, engineers, geochemists, geophysicists, microbiologists, regulators¹⁰.

Hazardous Waste Management Firms

45 firms

Employ an estimated 1,590 people

Annual estimated sales of \$ 197 million

Remediation & Industrial Service Firms

85 firms

Employ an estimated 3,104 people

Annual estimated sales of \$ 298 million

Environmental Consulting Firms

86 firms

Employ an estimated 4,187 people

Annual estimated sales of \$ 377 million

Public Service and Universities, Colleges and Research Centers

Many more dedicated individuals.



Sampling of Indiana

Manufacturers & Wholesalers

The Rig Doctors Laibe Corp/VersaDrill Sullair Corporation Diedrich Drill Inc Flint & Walling Inc Cuno Water Group Franklin Electric Co Cresline Plastic Pipe Company Inc Quick Tanks Inc Laibe Environmental Corporation Cuno Water Group Topp Industries Park Plastic Products USExploration Equipment Company Diversified Industries Hurricane Compressors Heller-Aller Pumps by Hitzer Inc Rose-Wall Manufacturing Inc

⁸ U.S. Census data for employee (1997) and non-employee firms (2002).

⁹ 5.7 employees per firm, Research USA for *Water Well Journal*, September 2003

¹⁰ *Environmental Industry of the United States*, US Commerce, January 1999.