

Permitted Water Treatment Facilities in Iowa

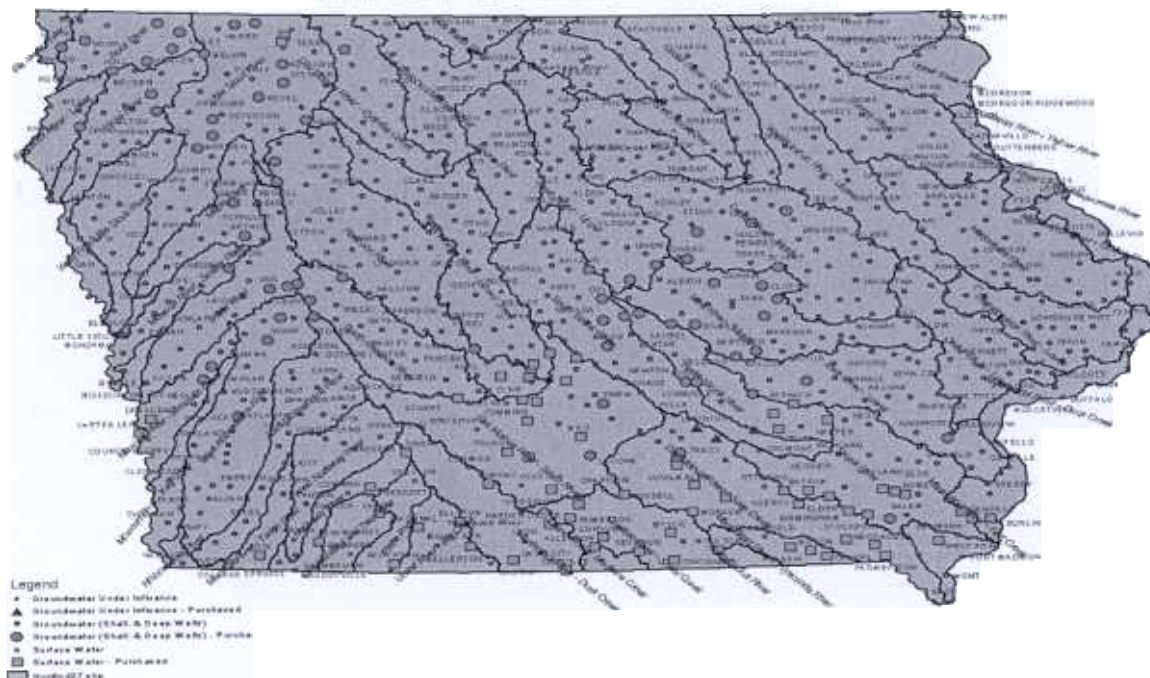


Figure W1. Permitted water treatment facilities in Iowa.

### Principal Aquifers

The IDNR, Geological Survey Bureau maintains a database that provides surface water source and principal aquifer use by each municipality in Iowa. As shown in **table W1**, groundwater is the major source of drinking water in Iowa. Surface water is used by 21% of municipalities, rural water systems, and the rural population as a source for drinking water. Municipal and rural water systems provide 82% of drinking water in Iowa. Groundwater from alluvium, glacial drift, Dakota, and Silurian-Devonian aquifers are used most for municipal and rural water system drinking water supplies in Iowa.

Table W1. Iowa principal drinking water sources.

Source	% Use
Surface Water	21.15%
Alluvium	27.17%
Glacial Drift	12.21%
Dakota or Cretaceous	5.97%
Pennsylvanian	0.30%
Mississippian	3.70%
Silurian-Devonian	15.18%
Ordovician (above St. Peter)	2.36%
Jordan	9.85%
Cambrian (below St. Lawre.)	2.00%

### Survey Responses

Survey responses from groundwater and surface water treatment systems are shown in **figure W2**. The overall distribution of responses is relatively uniform throughout Iowa.