



## ADMINISTRATIVE RULES Fiscal Estimate & Economic Impact Analysis

---

15. Compare With Approaches Being Used by Federal Government

No approaches are currently being used by the federal government.

---

16. Compare With Approaches Being Used by Neighboring States (Illinois, Iowa, Michigan and Minnesota)

**ILLINOIS:** In Illinois, the Department of Public Health is responsible for oversight of the well construction code, and has authority over the location, construction and modification of closed loop wells. A small set of standards specifically covers construction of closed-loop wells. The Department of Public Health's Closed Loop Well Contractors Certification Board oversees the rules, licensing and administration. A closed loop certification is required for drillers and is issued to those who are qualified and have passed the exam. The initial examination fee is \$50 and annual renewal fee is \$25. Licensees must attend one continuing education session in the preceding 2 years for license renewal.

**IOWA:** Iowa is in the process of developing rules, but has no rules codified for heat exchange drilling at this time. Iowa has a well drilling code and a well driller certification. Fee is \$400 initially and \$300 for renewal. License is for a two-year period and requires 16 contact hours of continuing education.

**MICHIGAN:** Michigan has no codified rules at this time, but has guidelines for heat exchange systems. Michigan has a Water Well Drilling Contractor license, but no requirements for heat exchange drillers. Water well driller license fee is \$40.

**MINNESOTA:** In Minnesota, the Commissioner of Health is responsible for oversight of the well construction code. The code includes regulations for groundwater thermal exchange devices. Minnesota has a license for a certified well contractor and a separate license for constructing vertical heat exchangers. Fees for well contractor licenses range from \$75 to \$250. Fees are required for construction of vertical heat exchangers, ranging from \$235 to \$700.

---

17. Contact Name

Randell Clark

---

18. Contact Phone Number

608-267-7895

---

This document can be made available in alternate formats to individuals with disabilities upon request.

**ADMINISTRATIVE RULES**  
**Fiscal Estimate & Economic Impact Analysis**

**ATTACHMENT A**

---

1. Summary of Rule's Economic and Fiscal Impact on Small Businesses (Separately for each Small Business Sector, Include Implementation and Compliance Costs Expected to be Incurred)

---

2. Summary of the data sources used to measure the Rule's impact on Small Businesses

---

3. Did the agency consider the following methods to reduce the impact of the Rule on Small Businesses?

- Less Stringent Compliance or Reporting Requirements
- Less Stringent Schedules or Deadlines for Compliance or Reporting
- Consolidation or Simplification of Reporting Requirements
- Establishment of performance standards in lieu of Design or Operational Standards
- Exemption of Small Businesses from some or all requirements
- Other, describe:

---

4. Describe the methods incorporated into the Rule that will reduce its impact on Small Businesses

---

5. Describe the Rule's Enforcement Provisions

---

6. Did the Agency prepare a Cost Benefit Analysis (if Yes, attach to form)

- Yes     No
-