



WISCONSIN LEGISLATIVE COUNCIL STAFF MEMORANDUM

Memo No. 10

TO: MEMBERS OF THE SPECIAL COMMITTEE ON GREAT LAKES WATER RESOURCES COMPACT

FROM: John Stolzenberg, Chief of Research Services, and Rachel Letzing, Senior Staff Attorney

RE: Differences Between Registration and Reporting Requirements Under Current Law and the Great Lakes-St. Lawrence River Basin Water Resources Compact

DATE: December 8, 2006

During the initial discussion by the committee of Memo No. 7 at its November 13, 2006 meeting, a request was made for an explanation of the differences between the information required to be collected under the registration and annual reporting requirements in the Great Lakes-St. Lawrence River Basin Water Resources Compact (the “compact”) and comparable information currently collected, or proposed to be collected, from persons making water withdrawals in Wisconsin. This Memo presents this comparison in the tables provided below.

The relevant provisions in the compact, current statutes, and current and proposed administrative rules that establish these registration and reporting requirements are identified in Memo No. 7. The requirements under the statutes and administrative rules apply statewide. A blank cell in a table indicates that, based on available information, the specified data is not required to be provided to a state agency.

The information collected by the DNR is maintained by the program area within the department collecting the information; the department does not have any consolidated database covering all types of water withdrawals, diversions, and consumptive uses. Since ch. NR 142 is generally not being implemented by the DNR, the registration and reporting requirements specified in this chapter are not included in this Memo.

Data Provided by Water Utilities Regulated by the Public Service Commission (PSC)

Information Required Under the Compact	Proposed Reporting Under Ch. NR 820, if the Utility Obtains Water From One or More High Capacity Wells	Current Reporting
<i>One Time Registration</i>		
Locations and sources of the withdrawal or diversion.		To PSC and DNR.
Capacity of the withdrawal or diversion per day.		Capacity specified by DNR.
Amount withdrawn or diverted from each source.		
Uses made of the water.		To PSC and DNR.
Places of use of the water.		To PSC and DNR.
Places of discharge.		Indirectly to DNR via any applicable Wisconsin Pollution Discharge Elimination System (WPDES) permit and treatment works plan approval.
Estimated volume of the withdrawal or diversion (gal/day average in any 30-day period).		
Other information required by the state.	For a high capacity well located in a groundwater protection area, the appropriate consumptive use coefficient specified in ch. NR 142 to DNR.	<ul style="list-style-type: none"> • Amount of purchased water to PSC. • If subject to a WPDES permit, amount of average and maximum discharge flows specified by DNR.
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Monthly volume of withdrawals.	To DNR.	To PSC.
Monthly volume of consumptive uses.		
Monthly volume of diversions.		
Other information requested by the state.		If subject to a WPDES permit, amount of discharge flows to DNR.

**Data Provided by Persons Other Than Water Utilities
Withdrawing Groundwater from High Capacity Wells**

Information Required Under the Compact	Proposed Reporting Under Ch. NR 820	Current Reporting
<i>One Time Registration</i>		
Locations and sources of the withdrawal or diversion.		To DNR.
Capacity of the withdrawal or diversion per day.		Capacity specified by DNR.
Amount withdrawn or diverted from each source.		
Uses made of the water.		To DNR.
Places of use of the water.		To DNR.
Places of discharge.		Indirectly to DNR via any applicable WPDES permit and treatment works plan approval.
Estimated volume of the withdrawal or diversion (gal/day average in any 30-day period).		
Other information required by the state.	For a high capacity well located in a groundwater protection area, the appropriate consumptive use coefficient specified in ch. NR 142 to DNR.	If subject to a WPDES permit, amount of average and maximum discharge flows specified by DNR.
<i>Annual Report</i>		
Monthly volume of withdrawals.	To DNR.	
Monthly volume of consumptive uses.		
Monthly volume of diversions.		
Other information requested by the state.		If subject to a WPDES permit, amount of discharge flows to DNR.

**Data Provided by Persons Withdrawing Surface Water Other Than Water Utilities
(Industrial Facilities, Power Plants, Agricultural Users, Irrigation, etc.)**

Information Required Under the Compact	Current Reporting
<i>One Time Registration</i>	
Locations and sources of the withdrawal or diversion.	To DNR.
Capacity of the withdrawal or diversion per day.	To DNR.
Amount withdrawn or diverted from each source.	If subject to a s. 30.18 approval, amount specified by DNR.
Uses made of the water.	To DNR.
Places of use of the water.	To DNR.
Places of discharge.	Indirectly to DNR via any applicable WPDES permit and treatment works plan approval.
Estimated volume of the withdrawal or diversion (gal/day average in any 30 day period).	
Other information required by the state.	If subject to a WPDES permit, amount of average and maximum discharge flows specified by DNR.
<i>Annual Report</i>	
Monthly volume of withdrawals.	If subject to a s. 30.18 approval, flow monitoring required and DNR may request records.
Monthly volume of consumptive uses.	
Monthly volume of diversions.	
Other information requested by the state.	If subject to a WPDES permit, amount of discharge flows to DNR.