

Attachment E

Summary of State Regulatory Controls of Groundwater Pollution Sources and Withdrawals

Activity	Regulator	Adm. Code	Focus of Regulation
WASTE DISPOSAL			
Municipal & Industrial Landfills	DNR	185 500	Licensing of all sites; standards for location, design, operation, construction, monitoring and abandonment.
Environmental Repair Fund (ERF)	DNR	710	Focuses on development of an environmental response plan; inventory sites that might pollute; develops a hazard ranking system; identifies remedial actions to be taken. Also applies to hazardous waste disposal facilities.
Municipal & Industrial Wastewater	DNR	110 206 214	DNR regulates through WPDES permit process. NR 110 sets design standards for municipal sewerage systems; NR 206 land disposal of municipal and domestic wastewater; and NR 214 land disposal of industrial wastewater.
Sanitary Sewers	DSPS DNR	382 110	DSPS regulates laterals. Sets design standards for municipal pumping, interceptors and collector systems.
Private Wastewater Systems	DSPS	383 385	DSPS regulates siting, design, installation, and inspection of systems and licensing of installers and evaluators. Large-scale systems (>12,000 gals/day) requires a DNR WPDES permit. DNR can also prohibit tanks in areas where they could cause a water quality problem.
Municipal Sludge	DNR	204 214 518	Regulates sewage sludge disposal and recycling. Regulates landspreading of industrial sludge. Regulates landspreading of solid waste
Septage	DNR	113	Regulates septage disposal, recycling and licenses septage pumping businesses.
AGRICULTURE			
Animal Waste Management	DNR	243	Require operators to obtain WPDES permit and require monitoring wells in situations to achieve compliance with livestock performance standards and prohibitions.
	DNR	812	DNR regulates the distance of wells from concentrated feeding operations.
		151	Establishes Agricultural Performance Standards and Prohibitions
	DATCP	51	Establishes state standards and procedures local governments must use if they choose to require conditional use permits for siting new and expanded livestock operations
Nonpoint Source Pollution	DNR	120	Sets up Nonpoint Source Pollution Program cost/share funding for best management practices including storage manure facility requirements, critical site designation, BMPs, etc.
	DATCP	50	Implements Wisconsin's Soil and Water Resource Management Program.

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Pesticide Use & Control	DATCP	29	Rules require good handling practices and prohibit direct (or possible indirect) entry of pesticides into the groundwater; also has aldicarb restrictions and groundwater sampling requirements.
Pesticide Product Restrictions	DATCP	30	Rules restrict the use of specific pesticide products, including the Atrazine Rule (ATCP 30.31)
Groundwater Protection Program	DATCP	31	Establishes standards for groundwater test reporting and the regulatory and enforcement actions to prevent and control groundwater pollution from agricultural activities.
Fertilizer Bulk Storage	DATCP	33	Rules apply to fertilizer and pesticide bulk storage by manufacturers and distributors.
Agricultural Chemical Cleanup Program	DATCP	35	Rules for administering the Agricultural Chemical Cleanup Program

HAZARDOUS MATERIALS & WASTE

Hazardous Waste Requirements	DNR	600+ 700+	State regulatory program exceeds minimum RCRA Federal standards. Comprehensive code: procedures and standards for cleaning up hazardous waste contamination sites including leaking underground storage tanks, environmental repair sites, and hazardous substance discharges.
PCBs	DNR	157	Establishes procedures for collection, storage, transport, and disposal of PCBs and products containing PCBs.
Chemical Storage Tanks	DATCP	93	Leak detection program, plan review, tank inspection and approval, design and construction standards, and recordkeeping.
Used Oil	DNR	679	Creates comprehensive rule for management of used oil, including standards for burning, storage, transportation and reporting.

WATER QUALITY & OTHER ACTIVITIES

Groundwater Standards	DNR	140	Sets up a two-tiered system of numerical standards for polluting substances enforced by DNR, and establishes groundwater quality standards for harmful substances.
Drinking Water Standards	DNR	809	DNR sets drinking water standards and public water supply monitoring requirements.
Well Construction & Abandonment	DNR	141	Rule establishes requirements for groundwater monitoring, well construction and abandonment.
		811 812	Specifies well design and construction, sets minimum separating distances between wells and potential pollution sources, and requires proper abandonment of all wells. DNR licenses well drillers and pump installers.
		845	Provides for county administration of NR 812.
Well Compensation	DNR	123	Program lets DNR provide partial reimbursement to replace contaminated wells.

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Highway Salt Storage	DATCP	31	DATCP rule establishes the regulatory and enforcement actions which the DATCP will take to protect groundwater against pollution from agricultural activities.
	DOT	277	TRANS 277: Provides DOT response when preventative action limit for chloride has been exceeded at a storage facility and sets requirements for remedial action.

GROUNDWATER QUANTITY

Water Supply and Environmental Protection	DNR	800+	Comprehensive code addressing water use, permitting, well construction, water supply systems, and groundwater quantity protection.
		820	Establishes review criteria applicable to high capacity well applications involving wells situated near springs, trout streams, outstanding and exceptional resource waters, and also groundwater withdrawals involving high water loss. Also establishes special protection efforts in two Groundwater Management Areas in the state experiencing water level drawdowns in excess of 150 feet (Lower Fox River Valley and Southeast Wisconsin).
		852	Establishes a statewide water conservation and efficiency program for withdrawals in the Great Lakes Basin and water loss approvals statewide.
		854	(proposed) Establishes a statewide water supply service area planning process for public water supply systems.
		856	Establishes requirements for registering water withdrawals and collecting and reporting accurate water withdrawal data to support management efforts.
		860	Establishes the process, requirements, and criteria for water use permitting.
		142	Wisconsin Water Management and Conservation, established to protect and promote the conservation of the waters of the state.