



**INNER WELLHEAD MANAGEMENT ZONE (IWMZ) –
POTENTIAL CONTAMINANT SOURCE INVENTORY (PCSI) FORM**

PUBLIC WATER SYSTEM INFORMATION

PWS ID NAME ADDRESS	<input type="checkbox"/> COMMUNITY NONCOMMUNITY: <input type="checkbox"/> NONTRANSIENT <input type="checkbox"/> TRANSIENT
FACILITY (WELL) INFORMATION	
NAME FACILITY ID UNIQUE WELL NO. COUNTY	IS THERE A WELL LOG OR ADDITIONAL CONSTRUCTION INFORMATION AVAILABLE? <input type="checkbox"/> NO <input type="checkbox"/> YES (Please attach a copy.) <input type="checkbox"/> UNDETERMINED

SOURCE CODE	ACTUAL OR POTENTIAL CONTAMINATION SOURCE	ISOLATION DISTANCES (FEET)							LOCATION	
		Community Minimum Distance	Noncommunity Minimum Distance	Sensitive Well ¹	Within 200 Feet			Distance From Well	Est. (?)	
					Y	N	U			
AGRICULTURAL RELATED										
*AC1	Agricultural chemical buried piping	50	50							
*AC2	Agricultural chemical multiple tanks or containers for residential retail sale or use, no single tank or container exceeding, but aggregate volume exceeding 56 gallons or 100 pounds dry weight	50	50							
ACP	Agricultural chemical tank or container with 25 gallons or more or 100 pounds or more dry weight, or equipment filling or cleaning area without safeguards	150	150							
ACS	Agricultural chemical storage or equipment filling or cleaning area with safeguards	100	100							
ACR	Agricultural chemical storage or equipment filling or cleaning area with safeguards and roofed	50	50							
ADW	Agricultural drainage well ² (Class V well – illegal ³)	50	50							
AAT	Anhydrous ammonia tank (stationary tank)	50	50							
AB1	Animal building, feedlot, confinement area, or kennel, 0.1 to 1.0 animal unit (stockyard)	50	20	100/40						
AB2	Animal building or poultry building, including a horse riding area, more than 1.0 animal unit	50	50	100						
ABS	Animal burial area, more than 1.0 animal unit	50	50							
FWP	Animal feeding or watering area within a pasture, more than 1.0 animal unit	50	50	100						
AF1	Animal feedlot, unroofed, 300 or more animal units (stockyard)	100	100	200						
AF2	Animal feedlot, more than 1.0, but less than 300 animal units (stockyard)	50	50	100						
AMA	Animal manure application	use discretion	use discretion							
REN	Animal rendering plant	50	50							
MS1	Manure (liquid) storage basin or lagoon, unpermitted or noncertified	300	300	600						
MS2	Manure (liquid) storage basin or lagoon, approved earthen liner	150	150	300						
MS3	Manure (liquid) storage basin or lagoon, approved concrete or composite liner	100	100	200						
MS4	Manure (solid) storage area, not covered with a roof	100	100	200						
OSC	Open storage for crops	use discretion	use discretion							
SSTS RELATED										
AA1	Absorption area of a soil dispersal system, average flow greater than 10,000 gallons/day	300	300	600						
AA2	Absorption area of a soil dispersal system serving a facility handling infectious or pathological wastes, average flow 10,000 gallons/day or less	150	150	300						
AA3	Absorption area of a soil dispersal system, average flow 10,000 gallons/day or less	50	50	100						
AA4	Absorption area of a soil dispersal system serving multiple family residences or a non-residential facility and has the capacity to serve 20 or more persons per day (Class V well) ²	50/300/150 ⁴	50/300/150 ⁴	100/600/300 ⁴						

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SSTS RELATED (CONTINUED)										
CSP	Cesspool	75	75	150						
AGG	Dry well, leaching pit, seepage pit	75	75	150						
*FD1	Floor drain, grate, or trough connected to a buried sewer	50	50							
*FD2	Floor drain, grate, or trough if buried sewer is air-tested, approved materials, serving one building, or two or less single-family residences	50	20							
*GW1	Gray-water dispersal area	50	50	100						
LC1	Large capacity cesspool (Class V well - illegal) ²	75	75	150						
MVW	Motor vehicle waste disposal (Class V well - illegal) ²	illegal	illegal							
PR1	Privy, nonportable	50	50	100						
PR2	Portable (privy) or toilet	50	20							
*SF1	Watertight sand filter; peat filter; or constructed wetland	50	50							
SET	Septic tank	50	50							
HTK	Sewage holding tank, watertight	50	50							
SS1	Sewage sump capacity 100 gallons or more	50	50							
SS2	Sewage sump capacity less than 100 gallons, tested, conforming to rule	50	20							
*ST1	Sewage treatment device, watertight	50	50							
SB1	Sewer, buried, approved materials, tested, serving one building, or two or less single-family residences	50	20							
SB2	Sewer, buried, collector, municipal, serving a facility handling infectious or pathological wastes, open-jointed or unapproved materials	50	50							
*WB1	Water treatment backwash holding basin, reclaim basin, or surge tank with a direct sewer connection	50	50							
*WB2	Water treatment backwash holding basin, reclaim basin, or surge tank with a backflow protected sewer connection	20	20							
LAND APPLICATION										
SPT	Land spreading area for sewage, septage, or sludge	50	50	100						
SOLID WASTE RELATED										
COS	Commercial compost site	50	50							
CD1	Construction or demolition debris disposal area	50	50	100						
*HW1	Household solid waste disposal area, single residence	50	50	100						
LF1	Landfill, permitted demolition debris, dump, or mixed municipal solid waste from multiple persons	300	300	600						
SVY	Scrap yard	50	50							
SWT	Solid waste transfer station	50	50							
STORM WATER RELATED										
SD1	Storm water drain pipe, 8 inches or greater in diameter	50	20							
SWI	Storm water drainage well ² (Class V well - illegal ³)	50	50							
SM1	Storm water pond greater than 5000 gallons	50	35							
WELLS AND BORINGS										
*EB1	Elevator boring, not conforming to rule	50	50							
*EB2	Elevator boring, conforming to rule	20	20							
MON	Monitoring well	record distance	record distance							
WEL	Operating well	record distance	record distance							
UUW	Unused, unsealed well or boring	50	50							
GENERAL										
*CR1	Cistern or reservoir, buried, nonpressurized water supply	20	20							
PLM	Contaminant plume	50	50							
*CW1	Cooling water pond, industrial	50	50	100						
DC1	Deicing chemicals, bulk road	50	50	100						
*ET1	Electrical transformer storage area, oil-filled	50	50							
GRV	Grave or mausoleum	50	50							
GP1	Gravel pocket or French drain for clear water drainage only	20	20							
*HS1	Hazardous substance buried piping	50	50							

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GENERAL (CONTINUED)										
HS2	Hazardous substance tank or container, above ground or underground, 56 gallons or more, or 100 pounds or more dry weight, without safeguards	150	150							
HS3	Hazardous substance tank or container, above ground or underground, 56 gallons or more, or 100 pounds or more dry weight with safeguards	100	100							
HS4	Hazardous substance multiple storage tanks or containers for residential retail sale or use, no single tank or container exceeding 56 gallons or 100 pounds, but aggregate volume exceeding	50	50							
HWF	Highest water or flood level	50	N/A							
*HG1	Horizontal ground source closed loop heat exchanger buried piping	50	50							
*HG2	Horizontal ground source closed loop heat exchanger buried piping and horizontal piping, approved materials and heat transfer fluid	50	10							
IWD	Industrial waste disposal well (Class V well) ²	illegal ³	illegal ³							
IWS	Interceptor, including a flammable waste or sediment	50	50							
OH1	Ordinary high water level of a stream, river, pond, lake, reservoir, or drainage ditch (holds water six months or more)	50	35							
*PP1	Petroleum buried piping	50	50							
*PP2	Petroleum or crude oil pipeline to a refinery or distribution center	100	100							
PT1	Petroleum tank or container, 1100 gallons or more, without safeguards	150	150							
PT2	Petroleum tank or container, 1100 gallons or more, with safeguards	100	100							
PT3	Petroleum tank or container, buried, between 56 and 1100 gallons	50	50							
PT4	Petroleum tank or container, not buried, between 56 and 1100 gallons	50 ⁵	20							
PU1	Pit or unfilled space more than four feet in depth	20	20							
PC1	Pollutant or contaminant that may drain into the soil	50	50	100						
SP1	Swimming pool, in-ground	20	20							
*VH1	Vertical heat exchanger, horizontal piping conforming to rule	50	10							
*VH2	Vertical heat exchanger (vertical) piping, conforming to rule	50	35							
*WR1	Wastewater rapid infiltration basin, municipal or industrial	300	300	600						
*WA1	Wastewater spray irrigation area, municipal or industrial	150	150	300						
*WS1	Wastewater stabilization pond, industrial	150	150	300						
*WS2	Wastewater stabilization pond, municipal, 500 or more gallons/acre/day of leakage	300	300	600						
*WS3	Wastewater stabilization pond, municipal, less than 500 gallons/acre/day of leakage	150	150	300						
*WT1	Wastewater treatment unit tanks, vessels and components (Package plant)	100	100							
*WT2	Water treatment backwash disposal area	50	50	100						
ADDITIONAL SOURCES (If there is more than one source listed above, please indicate it here.)										

* New potential contaminant source.

¹ A sensitive well has less than 50 feet of watertight casing, and which is not cased below a confining layer or confining materials of at least 10 feet in thickness.

² These sources, known as Class V underground injection wells, are regulated by the federal U.S. Environmental Protection Agency.

³ These sources are classified as illegal by Minnesota Rules, Chapter 4725.

⁴ Isolation distance is determined by average flow per day or if a facility handles infectious or pathological wastes.

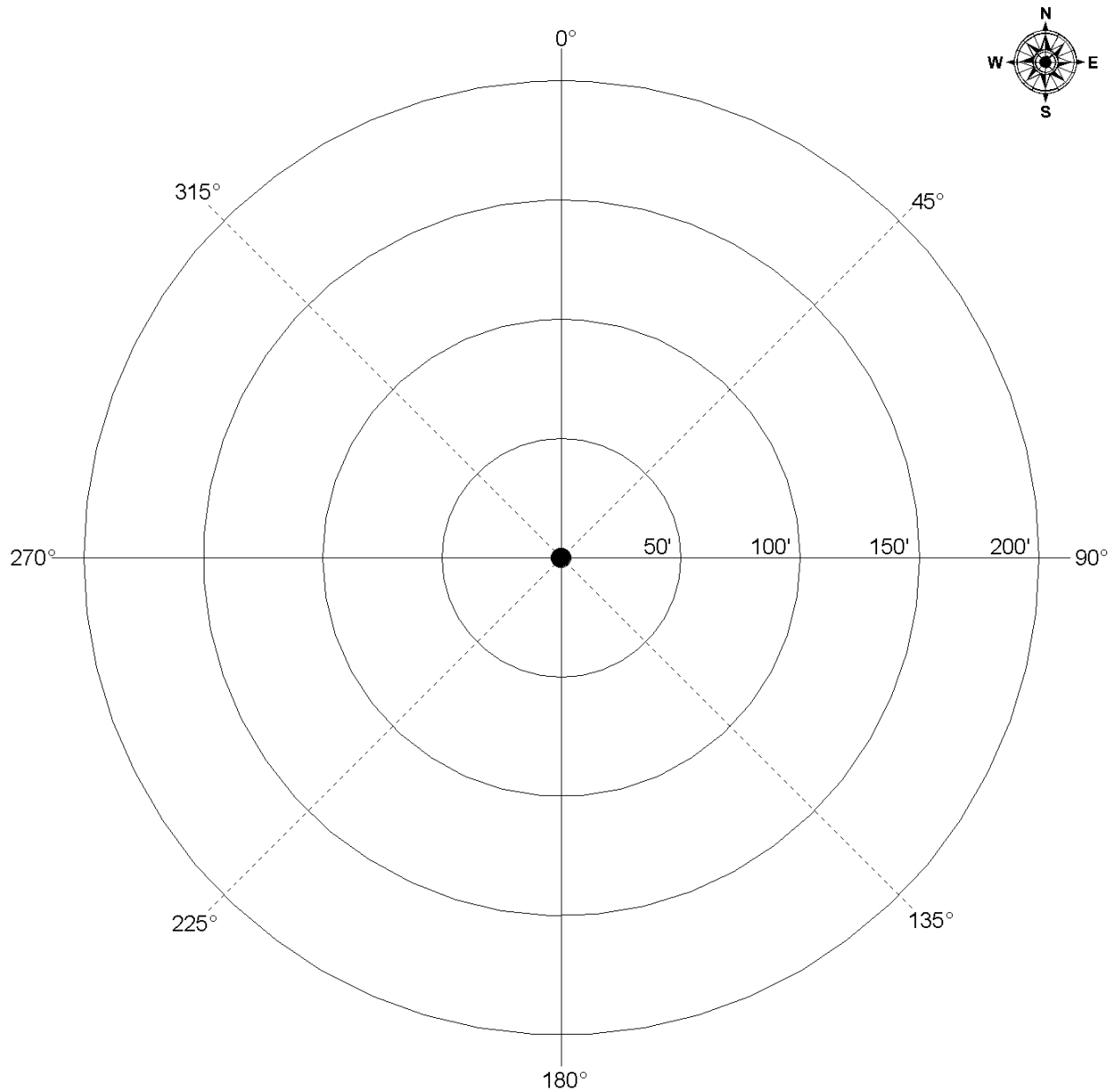
⁵ A community public water-supply well must be a minimum of 50 feet from a petroleum tank or container, unless the tank or container is used for emergency pumping and is located in a room or building separate from the community well; and is of double-wall construction with leak detection between walls; or is protected with secondary containment.

This form is based on the new isolation distances in Minnesota Rules, Chapter 4725, related to wells and borings adopted August 4, 2008, and Minnesota Rules, Chapter 4720, related to wellhead protection.

PWS ID		FACILITY ID		UNIQUE WELL NO.	
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SETBACK DISTANCES

All potential contaminant sources must be noted on the sketch. Record the distance and approximate compass bearing of each potential contaminant source from the well, and identify the source using the “Source Code.”



Were the isolation distances maintained for the new sources of contamination?			Y	N	N/A
Is the system monitoring existing nonconforming sources of contamination?			Y	N	N/A
Reminder Question: Were the wellhead protection measure(s) implemented?					
INSPECTOR				DATE	

PWS ID		FACILITY ID		UNIQUE NO.	
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RECOMMENDED WELLHEAD PROTECTION MEASURES	WELLHEAD PROTECTION MEASURE IMPLEMENTED?		DATE VERIFIED
	Yes	No	
1.	Yes	No	
2.	Yes	No	
3.	Yes	No	
4.	Yes	No	
5.	Yes	No	
6.	Yes	No	
7.	Yes	No	

COMMENTS
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For further information, please contact:

Minnesota Department of Health
Drinking Water Protection Section
Source Water Protection Unit
P.O. Box 64975
St. Paul, Minnesota 55164-0975

Section Receptionist: 651-201-4700

Division TDD: 651-201-5797, or MN Relay Service @ 1-800-627-3529 and ask for 651-201-5000