

Compliance Criteria: From 2010 Comprehensive Wastewater Plan

Notes

- Holding tanks can now be compliant – need alarm system, records of pumping submitted to county annually.
- Outhouse/privy can now be compliant – need sealed vault, regular pumping
- Ages updated (9 years from 2010)

**Table 1
Compliance Criteria**

	Non-compliant	Probably Non-compliant	May Be Non-compliant	May Be Compliant	No Building	Unsustainable	Building, but no System	Buildable Lot w/Septic	Misc. Land	
Age of System	Older than 1989	Between 1989 and 1999	Between 1999 and 2009	Newer than 2009						
Type of System				Mound		Holding Tank, Outhouse, Privy				
Lot Size	Less than 0.25 Acres	Between 0.25 and 0.50 Acres	Between 0.50 and 0.75 Acres	More than 0.75 Acres						
Shallow Well	Less than 50 feet deep			More than 50 feet deep						
Maintenance	Never			Less than 3 years ago						
Permit	No			Yes						
	1	2	3	4	5	6	7	8	9	0

A spreadsheet was created based on County records and the information from the questionnaires. The definitions of the compliance criteria in the columns shown above are as follows:

1. Non-Compliant – System older than **1989** , lot size less than .25 acres, well depth less than 50 feet, septic tank never pumped.
2. Probably Non-Compliant – System age between **1989** and **1999** , lot size between .25 and .50 acres.
3. Maybe non-compliant - System age between **1999** and **2009** , lot size between .50 and .75 acres.
4. Maybe compliant – System age newer than **2009** , mound, lot size larger than .75 acres, well depth more than 50 feet, septic tank pumped within last 3 years.
5. No building - County records indicate a parcel with zero market value of the structures.
- 6.
7. Unsustainable – Sewage generating properties with holding tanks or outhouse privy.
8. Building with no system – A parcel with an market value of the structures but no existing SSTS.
9. Buildable lot with septic - A parcel with zero market value of the structures and an existing SSTS.
10. Miscellaneous Land – Property owned by a government body with no sewage generation.

According to Minnesota Rules Chapter 7080.1500, systems installed after March 1996 or in a designated shoreland area must have a minimum of 3 feet vertical separation between the system and groundwater or bedrock. If the system is outside of a designated shoreland area and installed before

April 1996, this separation is reduced to 2 feet. This requirement means that most systems installed before March 1996 are not compliant because of the prevalence of bedrock and the high local groundwater elevation.

Based on the Compliance Criteria listed above, the following is a summary of the findings for the Kabetogama Planning areas (from 2010 evaluation criteria).

NOTE: Noncompliance doesn't necessarily mean a system is not functioning properly – it means that by the criteria used, because of age, type of system or site characteristics the system would not meet current county requirements.

Kabetogama Township													
		A	B	C	D	E	F	G	H	I	J	KR	Total
Noncompliant	1	20	22	10	5	9	24	2	12	5	14	19	142
Probably Noncompliant	2	5	2	2	1	0	0	0	1	0	0	5	16
May Be Noncompliant	3	4	2	0	4	1	6	1	2	1	3	3	27
May Be Compliant	4	13	4	0	2	0	5	6	2	0	4	11	47
No Building	5	10	0	0	4	13	15	4	12	11	14	102	185
CLWSD	6	0	0	0	0	0	0	0	0	0	0	0	0
Unsustainable	7	5	4	13	0	3	11	1	13	1	11	2	64
Building w/o Septic	8	2	0	1	1	0	1	0	4	1	1	1	12
Buildable Lot w/Septic	9	7	0	0	15	0	0	7	0	0	0	0	29
Misc. Land	0	3	0	3	0	1	0	0	1	0	2	41	51
Total		69	34	29	32	27	62	21	47	19	49	184	573
At some level of noncompliance		64%	X	100%	39%		89%	23%	94%		88%		