

**Table 5. Estimated dairy milking center effluent characteristics.**

Component	Units	Milkhouse	Milkhouse and parlor	Milkhouse, parlor & holding area (scraped & flushed)	
				Holding area manure	
				excluded	included
Volume	ft <sup>3</sup> /day per 1,000 lb animal	0.22	0.6	1.4	1.6
Moisture	percent	99.72	99.4	99.7	98.5
Nitrogen (N)	lb per 1,000 gal	0.72	1.67	1	7.5
Phosphorus (P <sub>2</sub> O <sub>5</sub> )*	lb per 1,000 gal	0.58	0.83	0.23	0.83
Potassium (K <sub>2</sub> O)*	lb per 1,000 gal	1.5	2.5	0.57	3.33
Carbon:nitrogen (C:N) ratio		10	12	10	7

\*Phosphate (P<sub>2</sub>O<sub>5</sub>) = 2.29 x P, Potash (K<sub>2</sub>O) = 1.21 x K

**Source:** MWPS-18, *Manure Management Systems Series*, Section 1, Manure Characteristics.

**Note:** Use only for planning purposes. These values should not be used in place of a regular manure analysis.