

**Table 8. Beef feedlot runoff pond characteristics.**

Component	Units	Runoff pond	
		Supernatant	Sludge
Moisture	%	99.7	82.8
Total solids (TS)	% wet basis	0.30	17.2
Nitrogen (N)	lb per 1,000 gal	1.67	51.7
Ammonia N (NH <sub>3</sub> -N)*	lb per 1,000 gal	1.50	--
Phosphorus (P <sub>2</sub> O <sub>5</sub> )*	lb per 1,000 gal	--	17.5
Potassium (K <sub>2</sub> O)*	lb per 1,000 gal	7.50	14.2

\*Phosphate (P<sub>2</sub>O<sub>5</sub>) = 2.29 x P, Potash (K<sub>2</sub>O) = 1.21 x K,  
NH<sub>3</sub>-N (ammonia N) = 1.22 x NH<sub>3</sub>

**Source:** MWPS-18, *Manure Management Systems Series*,  
Section 1, Manure Characteristics, Table 17.

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