

Factors that affect water consumption

Table 1

<u>Bird Factors</u>	<u>Water Quality Factors</u>	<u>Feed Quality Factors</u>	<u>House Factors</u>
<ol style="list-style-type: none"> 1. Genetics; 2. Sex; 3. Age; 4. Health or disease challenge; 5. Body temperature control. 	<ol style="list-style-type: none"> 1. Hardness; 2. Nitrate levels; 3. Total dissolved solids; 4. Bacterial contamination. 	<ol style="list-style-type: none"> 1. Feed composition; 2. Feed type; 3. Feed intake; 4. Mycotoxin contamination. 	<ol style="list-style-type: none"> 1. Water temperature; 2. Water pressure; 3. Poorly installed regulators on drinker lines; 4. Drinker height (including impact of uneven litter); 5. Leakage from drinker system; 6. Type of drinker system; 7. House temperature; 8. Air velocity; 9. Air humidity.

Manning, L., S.A. Chadd, and R.N. Baines. 2007. Water Consumption in broiler chicken: a welfar indicator. *World Poultry Sci.* 63:63-71