



**NEW**

## NEBRASKA OVERFLOW WATER GUIDELINES

The Nebraska Department of Environment and Energy (NDEE) now requires livestock facilities to sample the water discharging from overflow waters if the overflow is not contained within the livestock waste control facility (LWCF). A sample of the discharge shall be taken each year by December 31st.

As permit renewals are submitted, NDEE is requiring permit writers to designate whether overflow water is captured or not. If the water is NOT captured, the following pollutants must be sampled: nitrate-nitrite (NO<sub>3</sub>), ammonia-nitrogen (NH<sub>4</sub>), phosphorus (P), 5-day biochemical oxygen demand (BOD<sub>5</sub>) and total dissolved solids (TDS).

*According to Wards Labs, Ward Guide, the following represents Drinking Water Standards:*

| DRINKING WATER STANDARDS |            |         |                        |
|--------------------------|------------|---------|------------------------|
|                          | LIMIT      | COMMENT | EPA DRINKING STANDARDS |
| NO <sub>3</sub>          | <10ppm     | Safe    | 10                     |
| NH <sub>4</sub>          | <0.1       | Safe    |                        |
| TDS                      | 30-900 ppm | Safe    | 500                    |

Two containers are required when sampling your water. One container must contain acid to preserve the water for the (NO<sub>3</sub> and NH<sub>4</sub>) samples. The second container must be kept cool for (P, TDS, BOD<sub>5</sub>) tests. These samples must be delivered to the lab within 48 hours of being sampled. The analysis must be submitted to NDEE within 45 days of the sampling event.

**QUESTIONS?** Please contact your regional Settje compliance manager.