

**Design and Operation of Land Application Systems from a Water,
Nitrogen and Salt Balance Approach
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Executive Summary

Two concerns with land application of wastewater are the potential of nitrogen contamination of groundwater and salt accumulation in soils. Design procedures should be developed to address these concerns. The authors used a previously developed mass balance model to design surface application. The authors concluded that wastewater can be effectively surface applied to land as long as it is done with a mass balance approach.

Author's Recommendations

There were no specific recommendations

Were rule changes identified?

None

Is further researched needed?

No further research was identified by the author or TCEQ staff.