

**LYNN LANE WWTP
ODOR EVALUATION
BROKEN ARROW, OK**

**FINAL PROJECT
SCORECARD**

- Meetings with Citizens Advisory Committee**
- Community odor surveys**
- Identified and prioritized odor sources**
- Alternative odor control systems evaluated**
- Odor control recommendations provided**

WEA performed an odor evaluation at the Lynn Lane WWTP in Broken Arrow, OK in 2001 for the City of Broken Arrow. The evaluation included odor sampling and testing, wastewater testing, and community odor surveys to determine the major causes of the odor problems that are causing odor complaints in the nearby residential development. Meetings were held with the Citizens Advisory Committee to discuss the odor testing and results. The study identified several plant processes that are contributing to the odor problems. The report developed alternatives for odor mitigation and provided odor control systems recommendations along with a life cycle cost analysis for the alternative systems. The City of Broken Arrow installed recommended chemical feed systems in the collection system and is considering constructing new odor control systems along with the new plant expansion project that is currently in the early design stages.



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