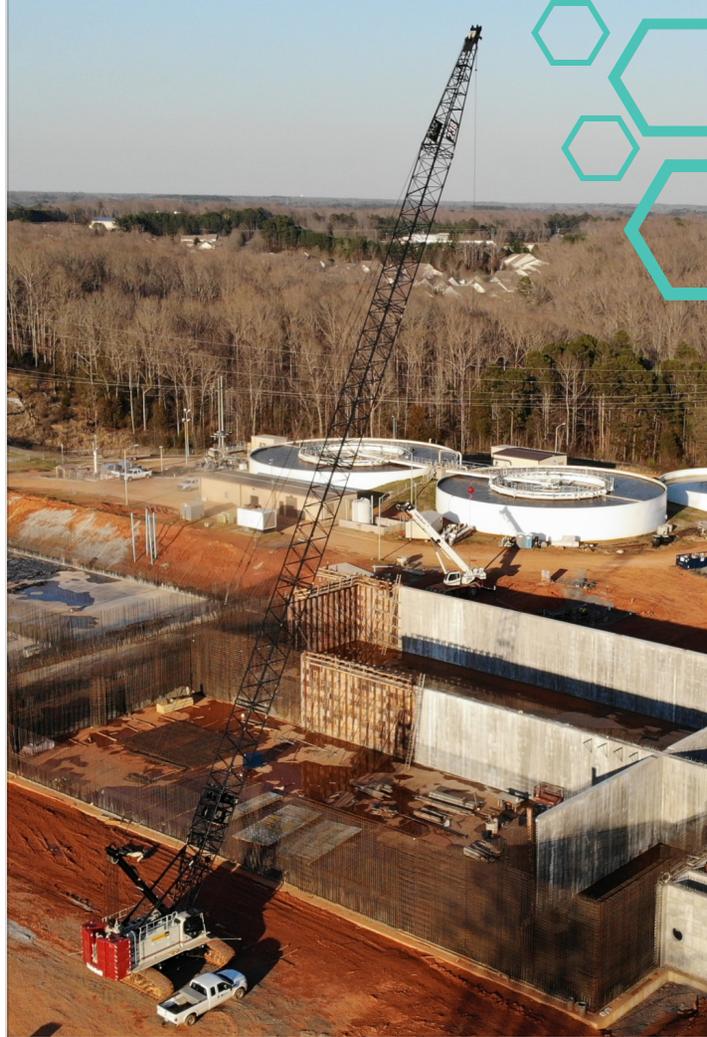


For More Information...

In addition to this brochure, LCWSD will maintain a page on our website - www.lcwsd.org - dedicated to providing more information about our Indian Land Wastewater Treatment Plant Odor Abatement Plan.

In addition to being able to review the full Plan, users will be able to find answers to Frequently Asked Questions that will help them understand the multiple efforts and pieces of equipment needed to reduce the odors coming from a large wastewater treatment plant.

We want to thank our customers in the neighboring communities and look forward to working with them in the future to ensure the highest quality wastewater service possible.



ODOR ABATEMENT PLAN

Continuing Our Mission to Provide You with High Quality Wastewater Services

Lancaster County
Water & Sewer District

1400 Pageland Highway
Lancaster, South Carolina 29720

(803) 285-6919
Toll free: (800) 832-2126

info@lcwsd.org
www.lcwsd.org

LCWSD



Using Best Practices to Reduce Odor

The Lancaster County Water & Sewer District's Indian Land Wastewater Treatment Plant has long used multiple processes to reduce odors. As we expand the plant to prepare for greater growth, LCWSD has crafted an updated odor abatement plan that will use the latest best practices and contingency methods to minimize odors.

It is important to point out the Water Environment Federation states odors are "nearly impossible to prevent," especially coming from a larger wastewater plant like Indian Land. However, LCWSD's odor abatement plan will provide several ways to cut any impacts on the community.

The plan uses updated operation and maintenance practices, the latest treatment knowledge, setbacks for physical distance, and contingency plans to implement in case of changing conditions or customer complaints.

Operation & Maintenance Practices

LCWSD uses industry best O&M practices, including Evoqua Water Technologies Full Service Odor Control program. The Evoqua program utilizes odor control technology to continuously monitor for odors and uses advanced dosing controllers to manage odors. LCWSD staff will continue to work to

reduce odors by keeping key areas clean and unclogged; using lime and thoroughly cleaning the equipment that collects grit and other screened materials; using liners and tarps to capture smelly water; and regularly washing down our clarifiers.

Advanced Treatment Processes

As we upgrade the Indian Land plant to meet future regulations and growth, a more advanced, automated process has been proposed to achieve proper aeration rates and reduce the potential for overloading the plant's existing operations by bringing together essential treatment processes in a single tank, reducing the need for additional basins from which odor problems can occur.

Setbacks & Contingency Plans

The Indian Land plant is near residential neighborhoods, with more development desired in proximity to the plant. With this in mind, LCWSD continues to acquire distance buffers to reduce odor impacts.

The Odor Abatement Plan will be reviewed on a continual basis to determine if adjustments are needed.

Because conditions can change, LCWSD has developed contingency plans that will chart customer feedback, monitor site-specific conditions, and use special equipment to handle difficult, temporary conditions.

