2025 Arkansas Solid Waste Association of North America Annual Meeting/Update: Brad Wingfield, P.E., Terracon/Ammonia Removal Strategies Presentation

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Brad Wingfield undertook a presentation at the August 20, 2025, Arkansas Solid Waste Association of North America ("SWANA") Annual Meeting/Update in Conway, Arkansas titled:

Ammonia Removal Strategies ("Presentation").

Brad is an Environmental Engineer and Environmental Department Manager in the Little Rock, Arkansas Office of Terracon.

Issues/Concepts addressed by the Presentation included:

- Ammonia Removal Options
- Nitrification
- Air Stripping
- Breakpoint Chlorination
- Sources of Ammonia
- Analysis of Nitrification
- Nitrification Requirements
- Fixed-film vs Suspended Growth
- Two Stage System
- Alkalinity
- Ammonia Stripping
- Description of Bench Scale Study undertaken by Pollution Management, Inc. (including Bench Scale Conclusions)
- Packed Tower Pilot Study installed by Pollution Management, Inc. (including Pilot Study results)
- Biological Study

A copy of the slides from the Presentation can be downloaded here.