

Interim Treatment: Mapping a Road to success.

Biocides

- Broad spectrum biocides based on specific known data or surrogates when unknown, approved and cleared through FIFRA
- Dose Rate calculated as a chemical target and demand curves established for ambient conditions
- Neutralizing agents identified if available and needed and tables established for dosing to meet discharge standards.

Ships

- Have shipboard inline treatment systems established for liquid biocide or other approved technology
- Have the capacity to receive biocides from a shore station operation if inline or other technology is unavailable
- Ship owners have incentives to act

Regulatory Environment

- Consistent in the approved biocides or treatment technology, and discharges standards across the Lake States. Allows for variability at start up to deal with different residual sediment loads in tanks.
- Compliance monitoring
 - Is chemically based: ie target dose and discharge rates
 - Collects data to measure chemically based numbers to compare with biological efficacy based data.
 - Collects data on compliance monitoring to establish effective protocols and sampling techniques.
 - Additional sediment inter-relationships and effects on biocides data collected.