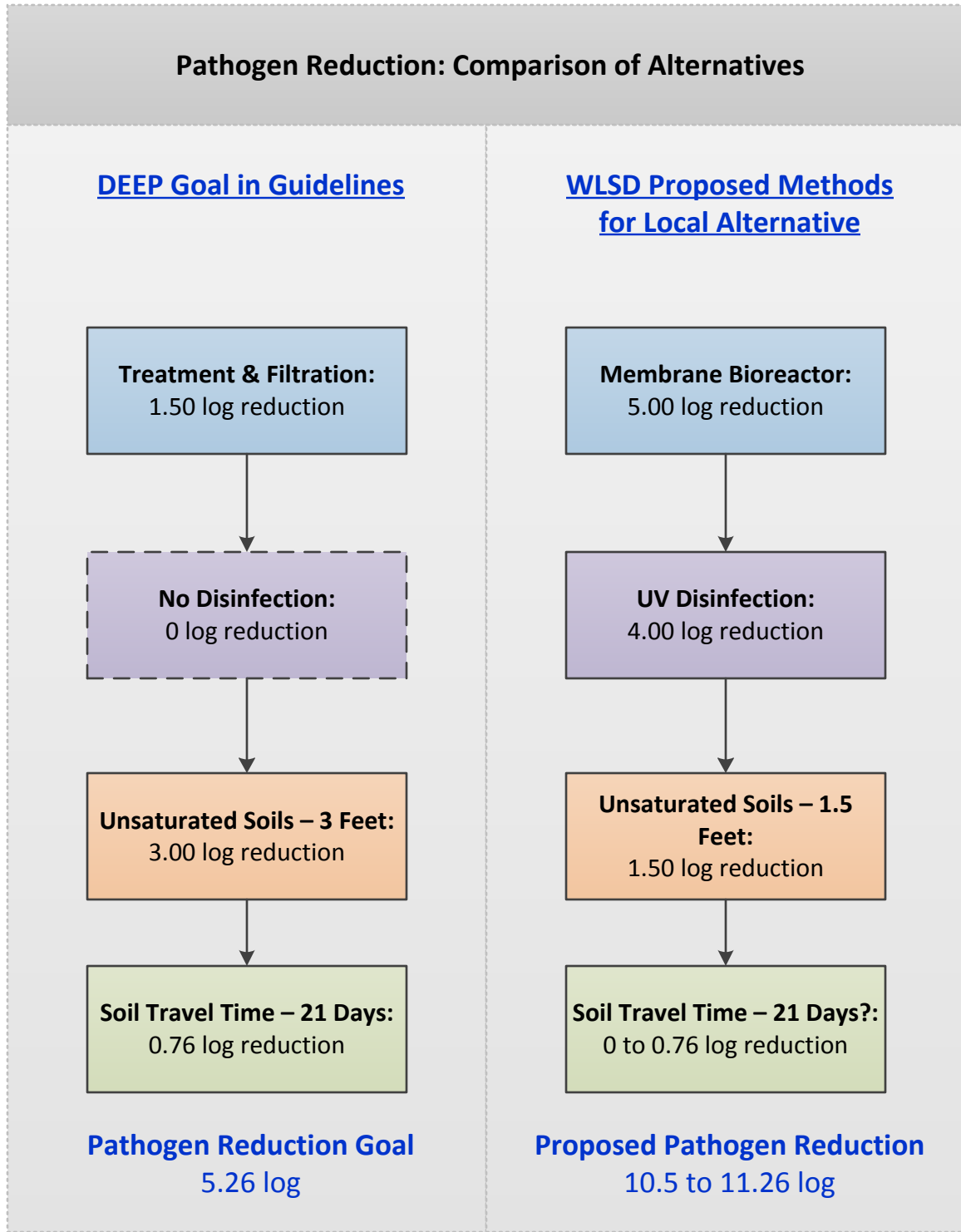


PLATE #1

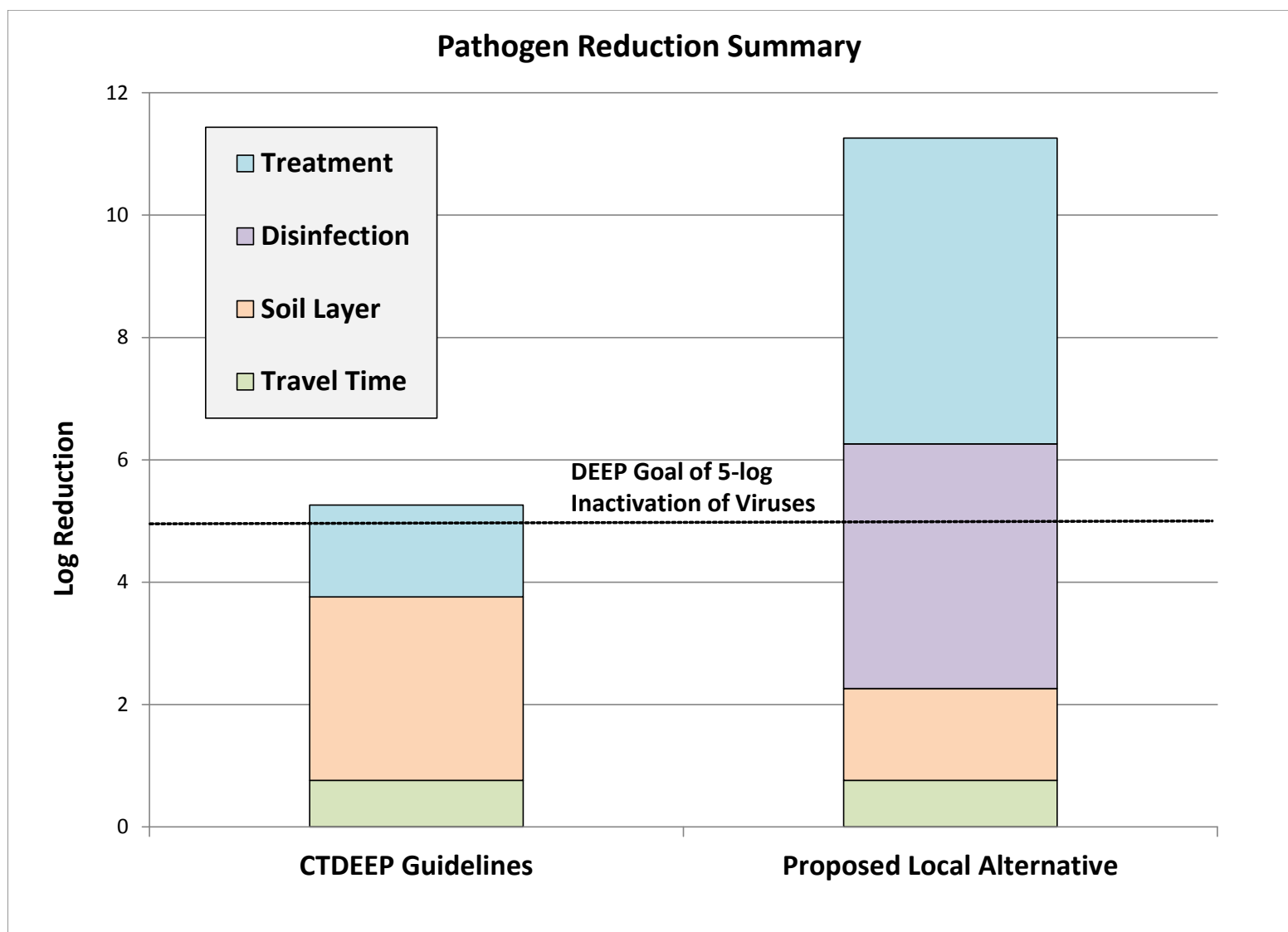
KEY ELEMENT: PATHOGEN REDUCTION

**Technical and Policy Decisions Required for
Most Cost Effective Wastewater Treatment Alternative
Woodridge Lake Sewer District
May 15, 2014**



Key Considerations:

- This is an existing facility with an existing consent order.
- No evidence of groundwater or river contamination from existing plant and disposal system.
- DEEP Goal for pathogen reduction is 5.0-log₁₀ for pathogens prior to reaching any receptor.
- Need to look at overall system capacity and performance (combined technology and soil treatment).
- Treated effluent is reclaimed water approaching drinking water quality prior to treatment in soil.
- Potential for impact on off-site receptors is remote.



* SOURCE: 2012 EPA Guidelines for Water Reuse