

A scenic view of a rocky river flowing through a forest. The river is filled with white water rapids as it flows over numerous dark, moss-covered rocks. The surrounding landscape is lush with green grass and shrubs in the foreground, and a dense forest of tall evergreen trees in the background under a clear blue sky with light clouds.

Water Quality Improvement Plan for Dissolved Oxygen

How Do We Get There?

- Waste Load Allocations
- Load Allocations
 - Tributary TMDLs
 - Nonpoint Source Reductions
- Stormwater Permits

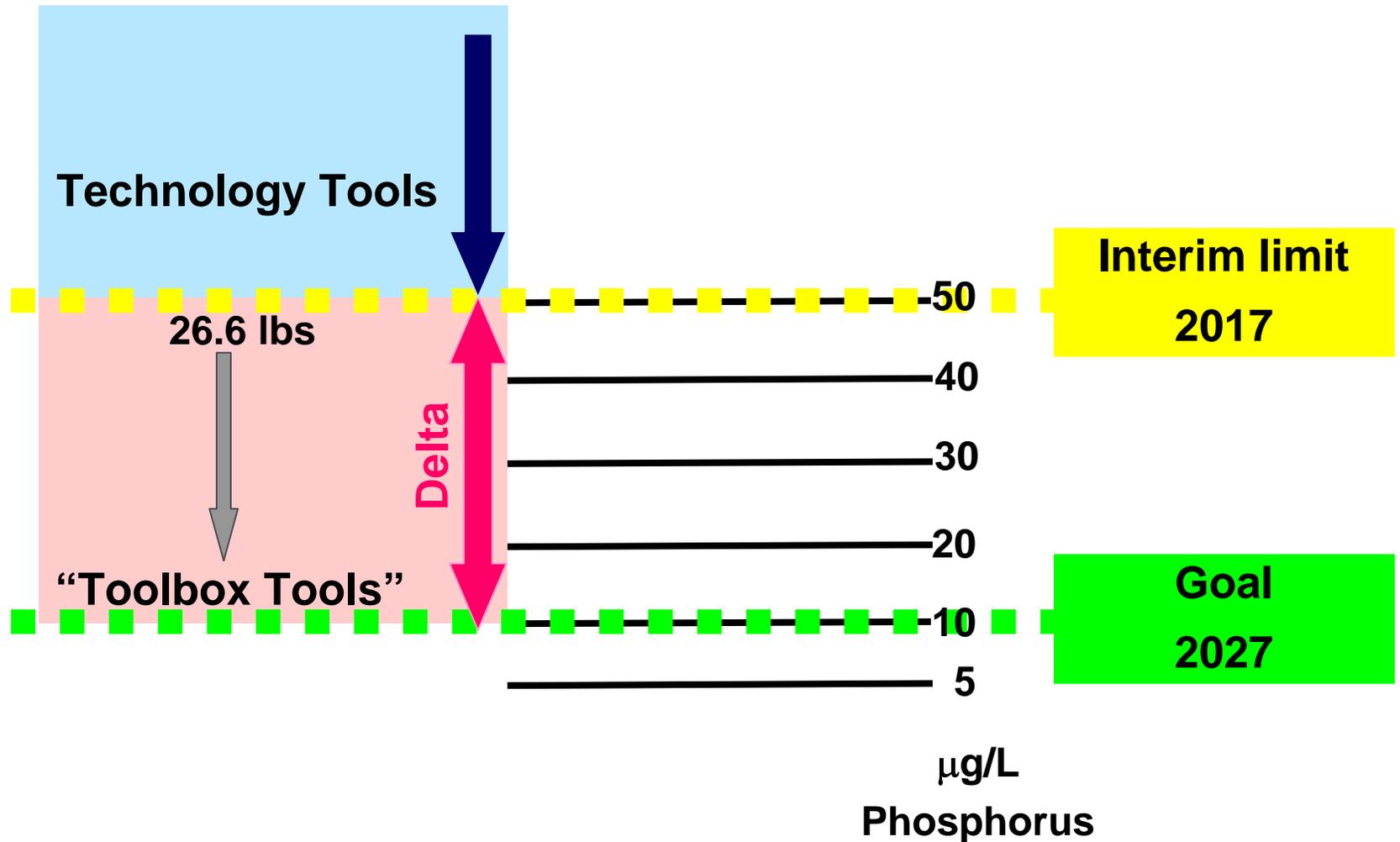
Waste Load Allocations

NPDES Permit Limits

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Delta Elimination (Δ)

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Load Allocations

Little Spokane River:

- Phosphorus at the mouth
 - April – May: 13% reduction (16.9 Lbs)
 - June – October: 4% reduction (2.4 Lbs)
- Ammonia at the mouth
 - April – May: 66% reduction
 - June – October: 12% reduction

Load Allocations cont.

Hangman Creek

- Phosphorus at the mouth
 - April – May: 39% reduction (32 Lbs)
 - June – October: 15% reduction (1 Lb)
- Ammonia at the mouth
 - April – May: 62% reduction
 - June – October: 30% reduction

TRIBUTARY TMDLs

Hangman Creek:

- Fecal Coliform
- Temperature
- Phosphorus

(Dissolved Oxygen and pH will also be addressed.)

Strategies will likely result in reductions of ammonia and carbonaceous biochemical oxygen demand.

TRIBUTARY TMDLs

Little Spokane:

- Fecal Coliform
- Temperature
- Phosphorus

Strategies will likely result in reductions of ammonia and carbonaceous biochemical oxygen demand.

Stormwater Permits

- Municipal Phase II
 - City of Spokane
 - Spokane County
 - City of the Spokane Valley

(Millwood and Liberty Lake may also receive permits.)
- Construction Stormwater General Permit
- Industrial Stormwater General Permit

How will we Know We're Getting There?

- **Planning**
- **Implementation**
- **Modeling**
- **Monitoring!**