Modeling & Regulatory Support Workgroup (MRSW)
Of the Path Forward Committee of the UNRBA

Purpose:

To provide review and comment on water quality model application to the Falls Lake watershed. Lake and watershed models are included in the review. The MRSW may review input data decisions, model set up and other decisions that may affect how model inputs and outputs will be used in the future.

Expanded Purpose: (Not yet approved by the Path Forward Committee or Board)

(to be completed)

Decision Making Framework (adopted in January 2019)

(insert double triangle or some other figure.

What MUST the UNRBA do to meet requirements of the re-examination?

Using UNRBA modeling tools, re-examine what DWR did in their modeling of Falls Lake and the watershed.

- Redo the analysis that DWR did for the 2011 rules
- Apply the UNRBA updated models to the goals DWR established (meet the WQ Standard at NEU013B)
- Generate the reduction curve with phosphorus and nitrogen

All of the above was done with the lake model

- Use the watershed model to adjust the reduction curve for uncontrollable sources (e.g., forest).*

Everything else is a scenario, with a potentially different goal.

Scenarios are beyond the minimum requirements for the re-examination.

Scenarios about management strategies	Scenarios about different water quality standards	Scenarios about future conditions