

Exhibit VI-24 Simulation Model, Inputs, and Outputs

Inputs



Simulation Model



Outputs

Implementation Assumptions
(how systems implement
monitoring provisions, including
those for reduced monitoring)

Unit Costs (sampling, analysis,
assessments, corrective actions)

Occurrence Parameters (parameter
pairs describe how occurrence
varies from system-to-system)

Effectiveness Parameters (fraction
of assessments that lead to
corrective actions and the degree
to which these reduce indicator
occurrence)

Ground Water Rule effects
(determine how often source water
sampling leads to new disinfection or
other actions that change a PWS's
indicator occurrence levels)

Sampling Results (number of samples
taken, and number found
to be TC-positive and EC-positive)

Non-acute and acute violations;
Assessments Conducted (Level 1 and
Level 2)

Corrective Actions

Occurrence Rates for total coliform
and *E. coli*

Total \$ Costs