

**CITY OF LANCASTER, OHIO
UPPER HOCKING RIVER
WATER QUALITY MONITORING AND QUAL2K MODELING**

**Appendix N
7Q10 Winter Simulation Results**

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Figure N.1a
7Q10 Winter Simulation Results
Travel Time

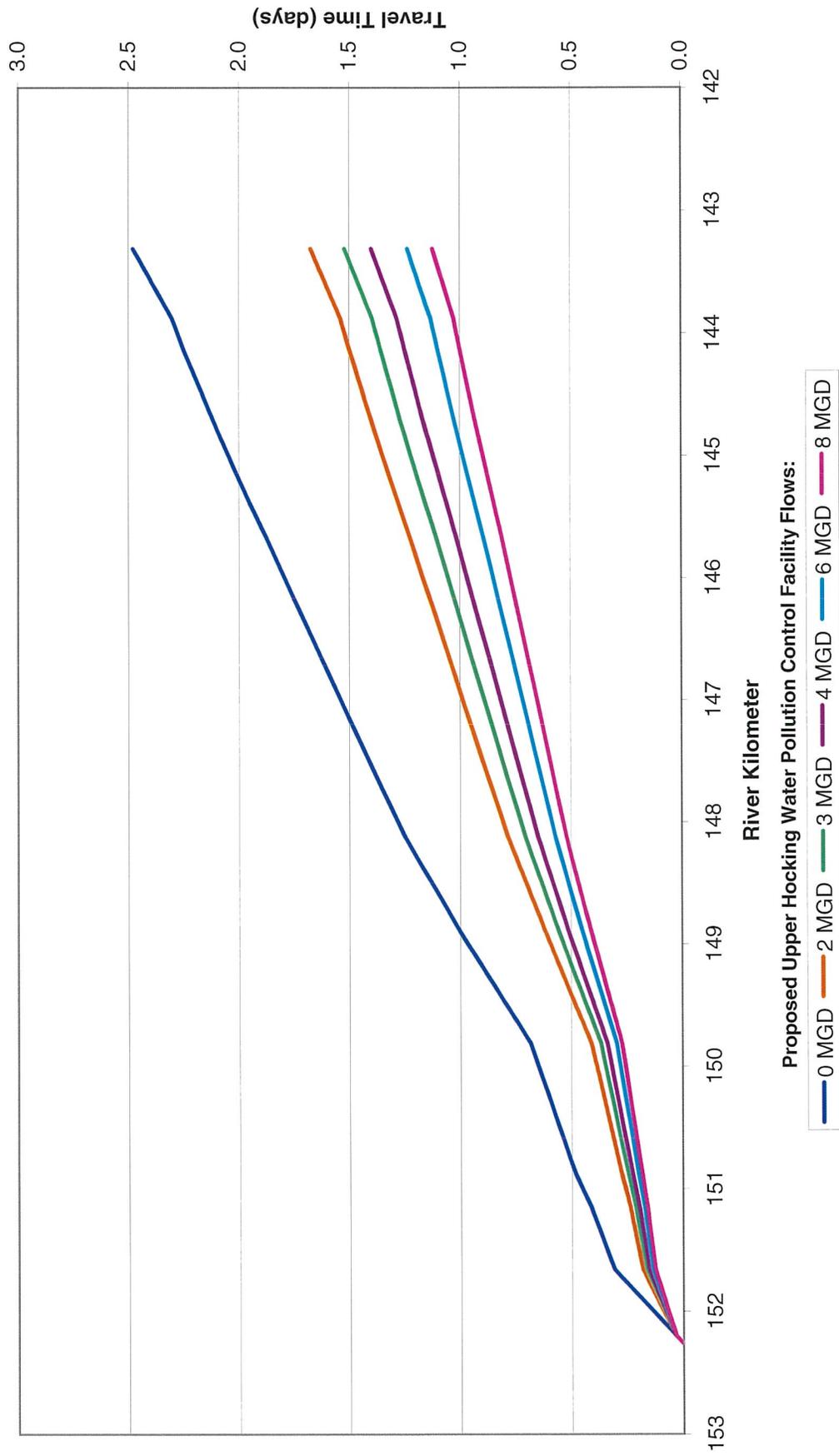


Figure N.1b
7Q10 Winter Simulation Results
Flow

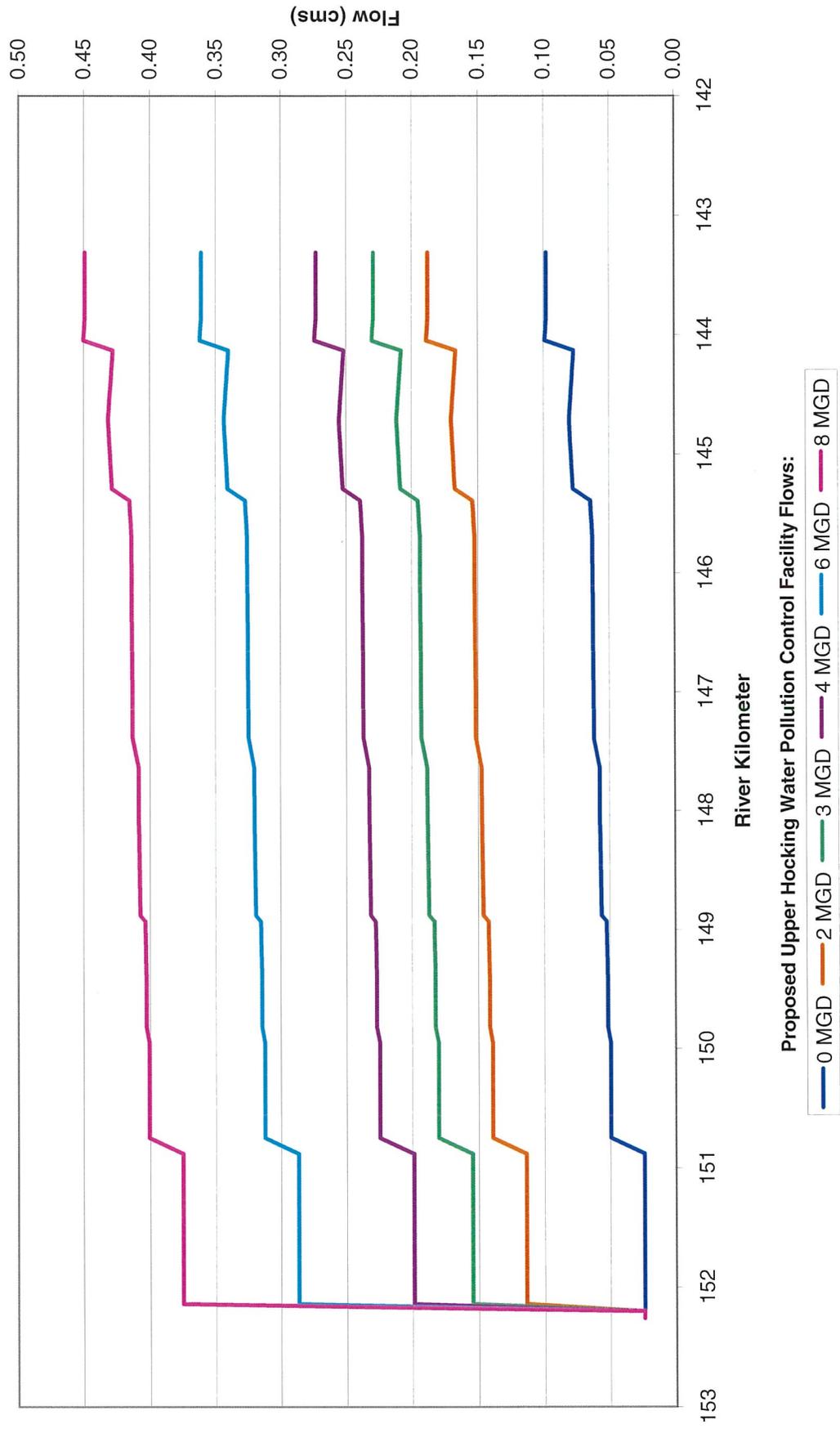


Figure N.1c
7Q10 Winter Simulation Results
Velocity

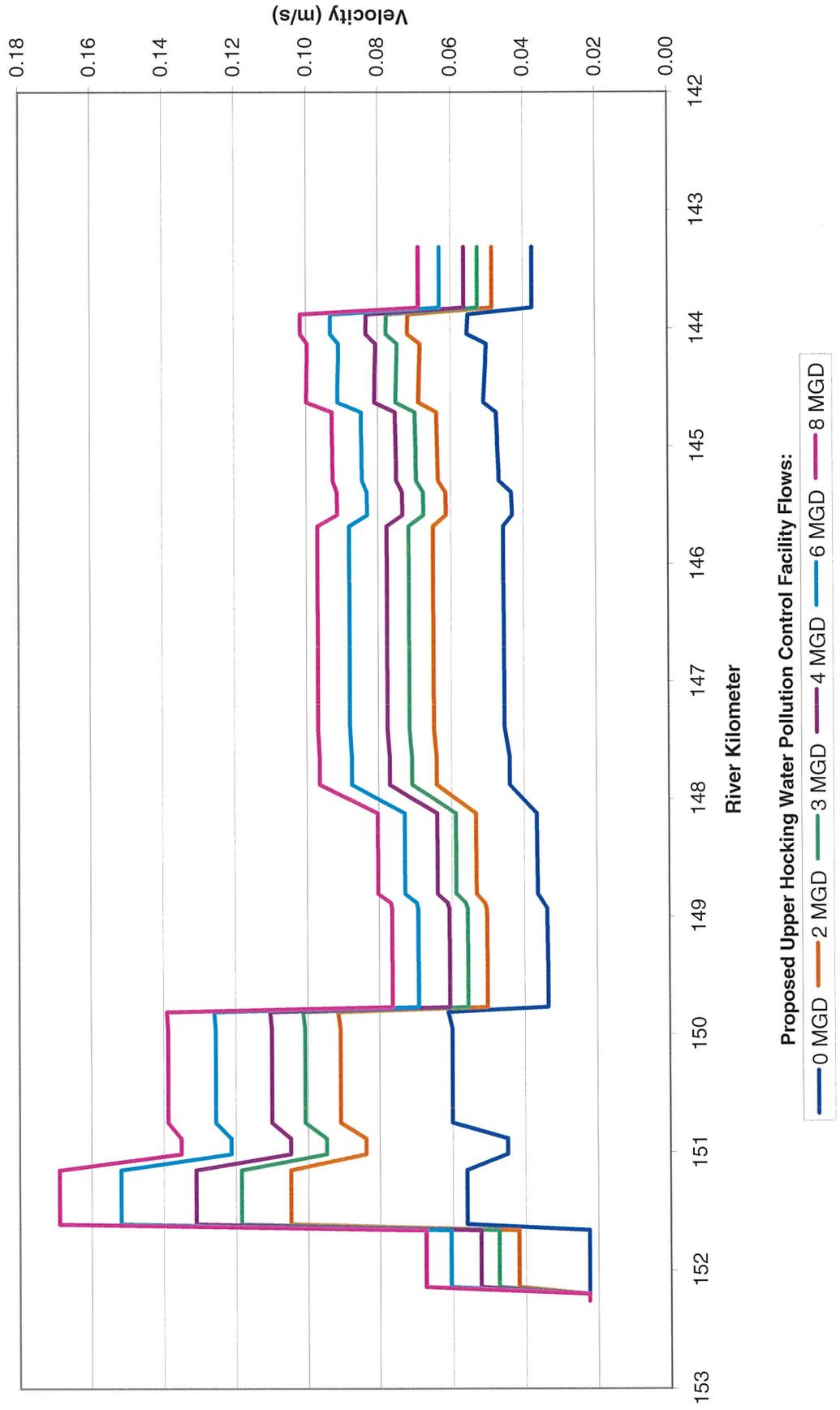


Figure N.1d
7Q10 Winter Simulation Results
Depth

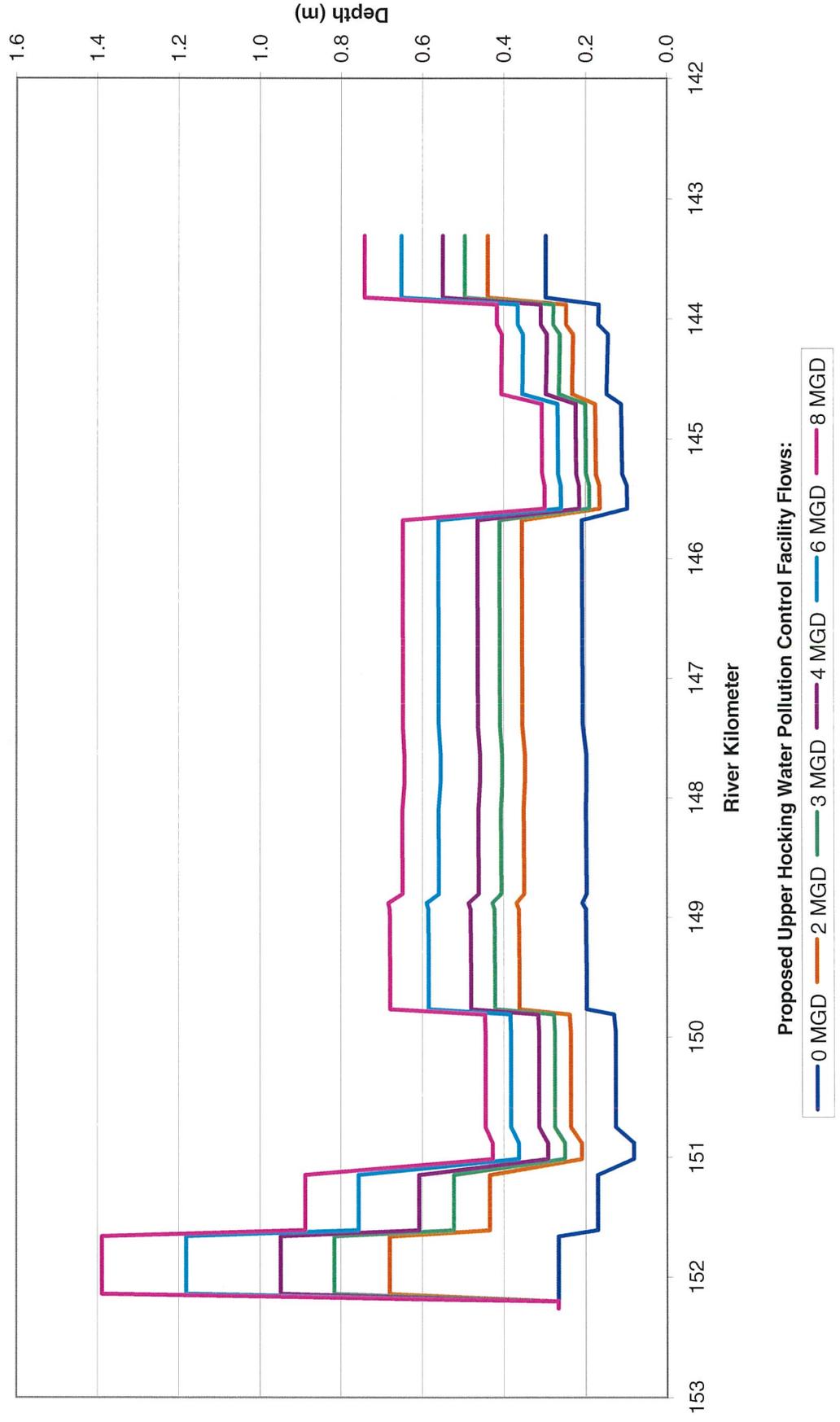


Figure N.1e
7Q10 Winter Simulation Results
Temperature

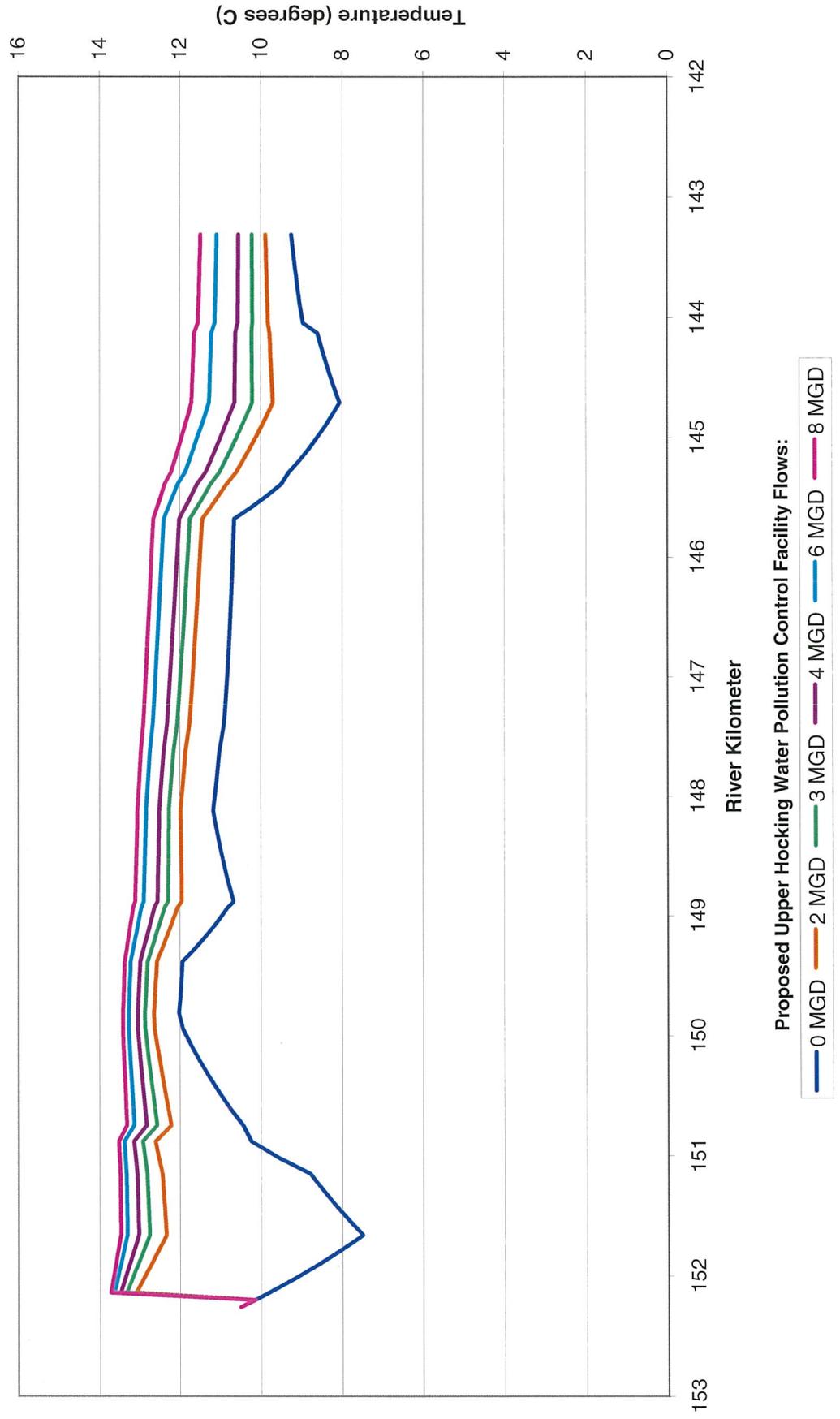


Figure N.1f
 7Q10 Winter Simulation Results
 CBOD_u

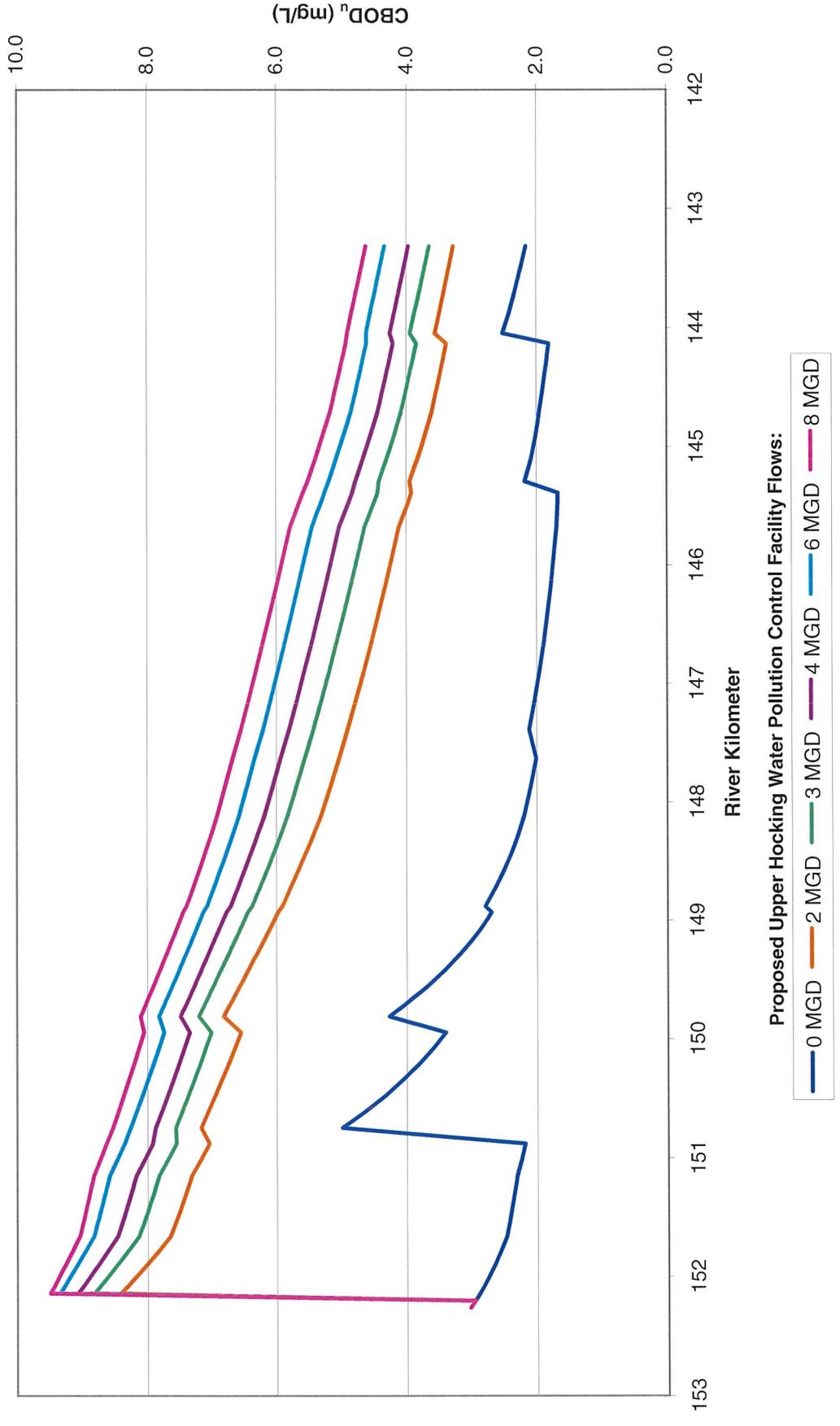


Figure N.1g
7Q10 Winter Simulation Results
Dissolved Oxygen

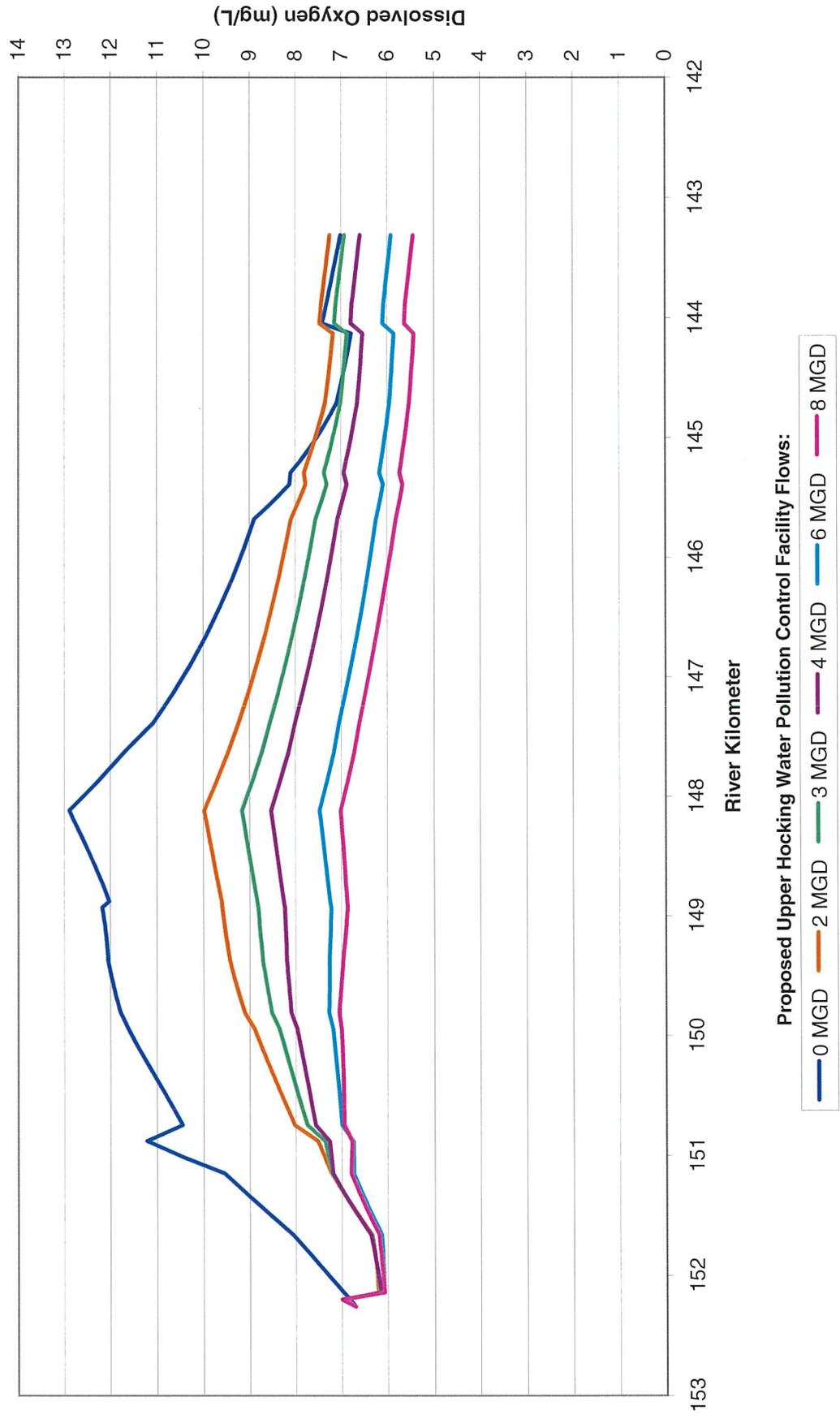


Figure N.1h
7Q10 Winter Simulation Results
Organic Nitrogen

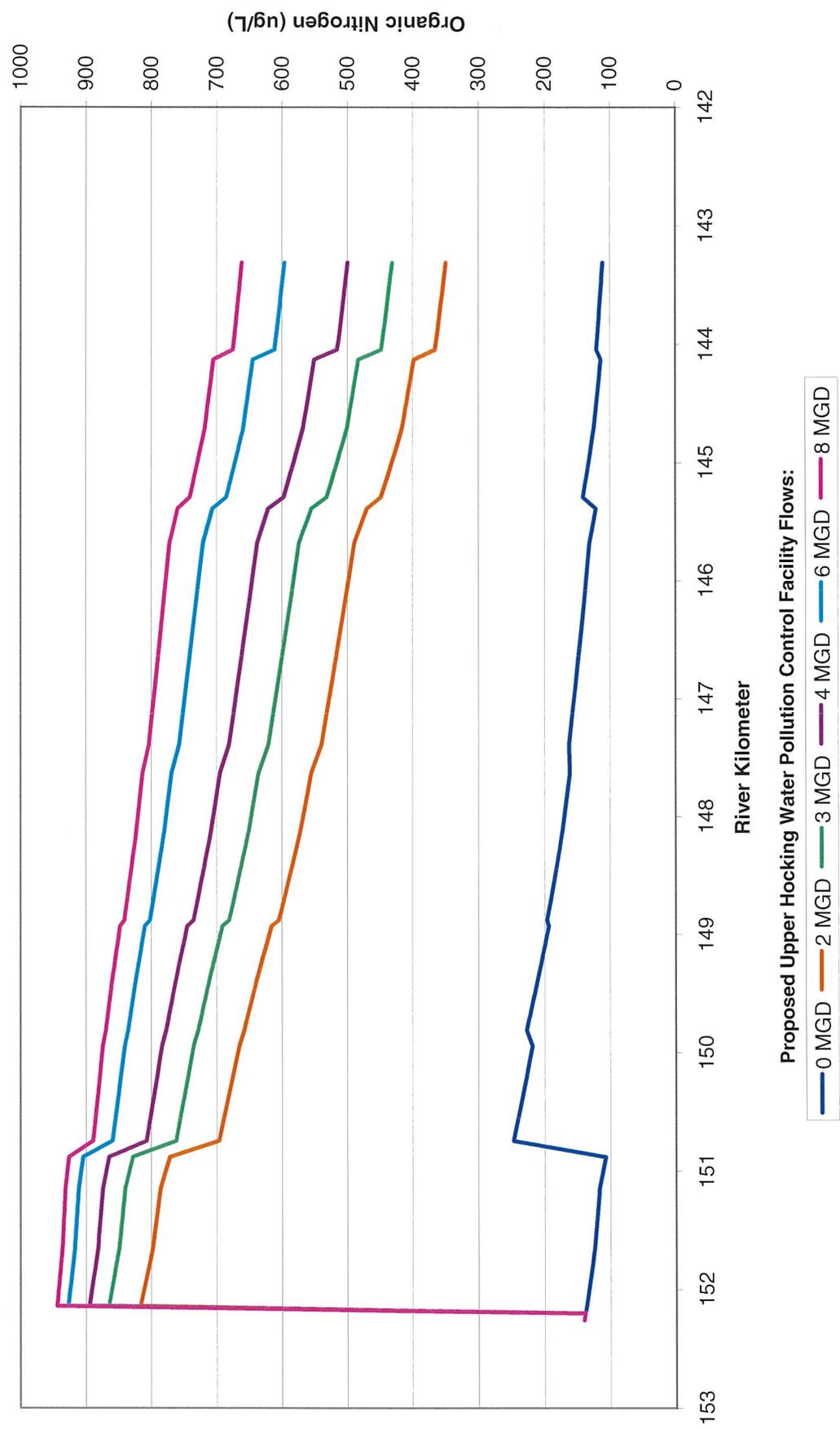


Figure N.1i
7Q10 Winter Simulation Results
Nitrate

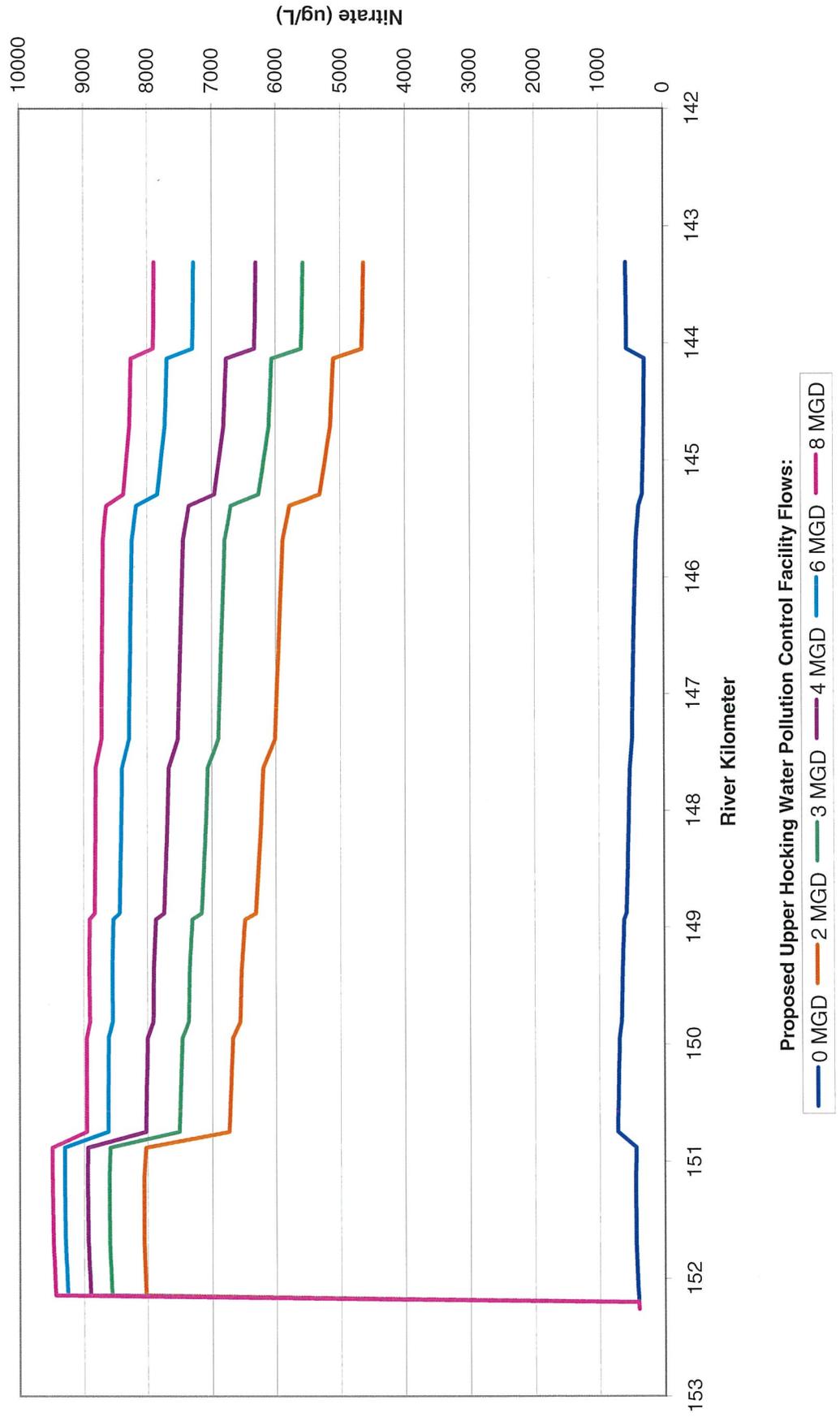


Figure N.1j
7Q10 Winter Simulation Results
Ammonia

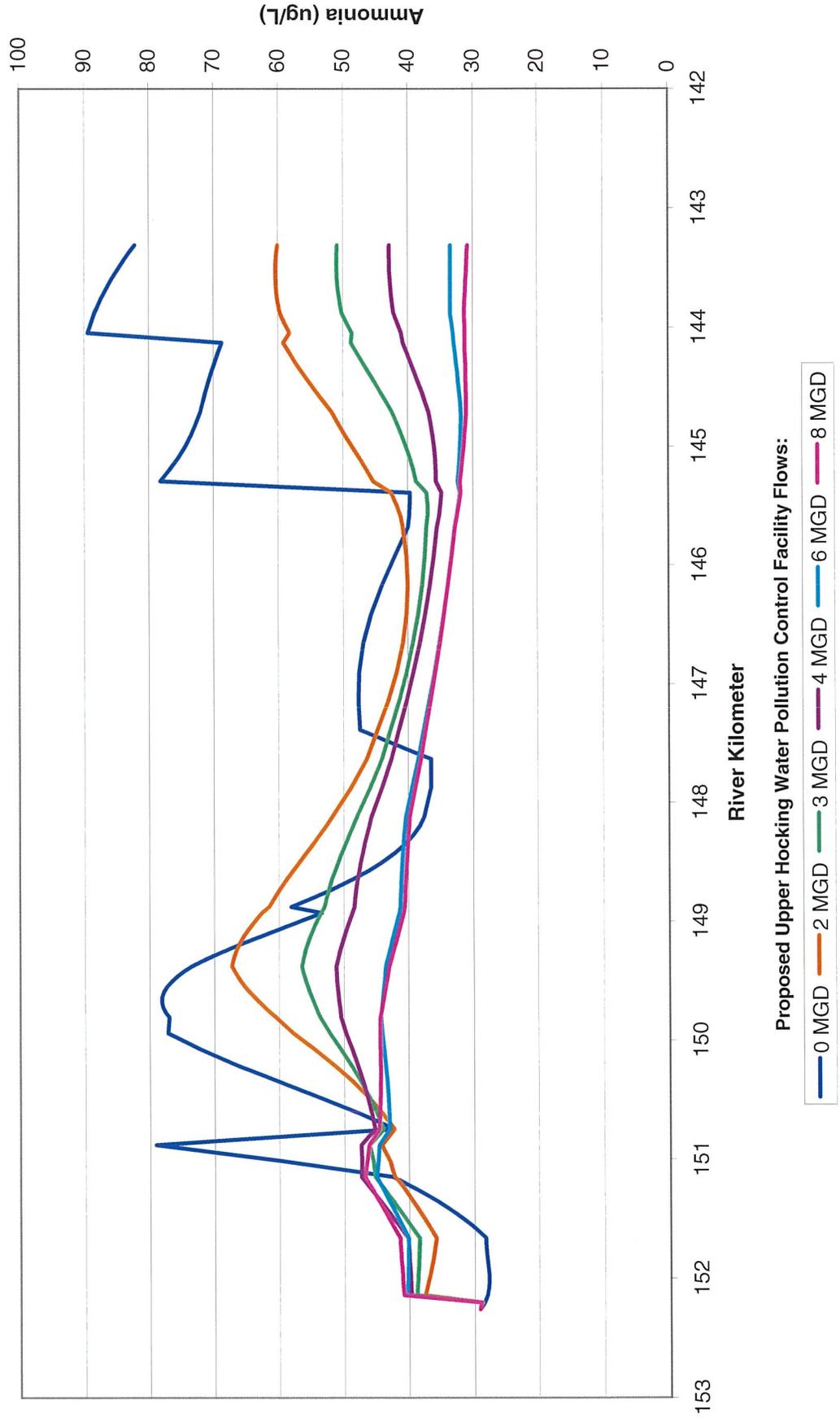


Figure N.1k
7Q10 Winter Simulation Results
Organic Phosphorus

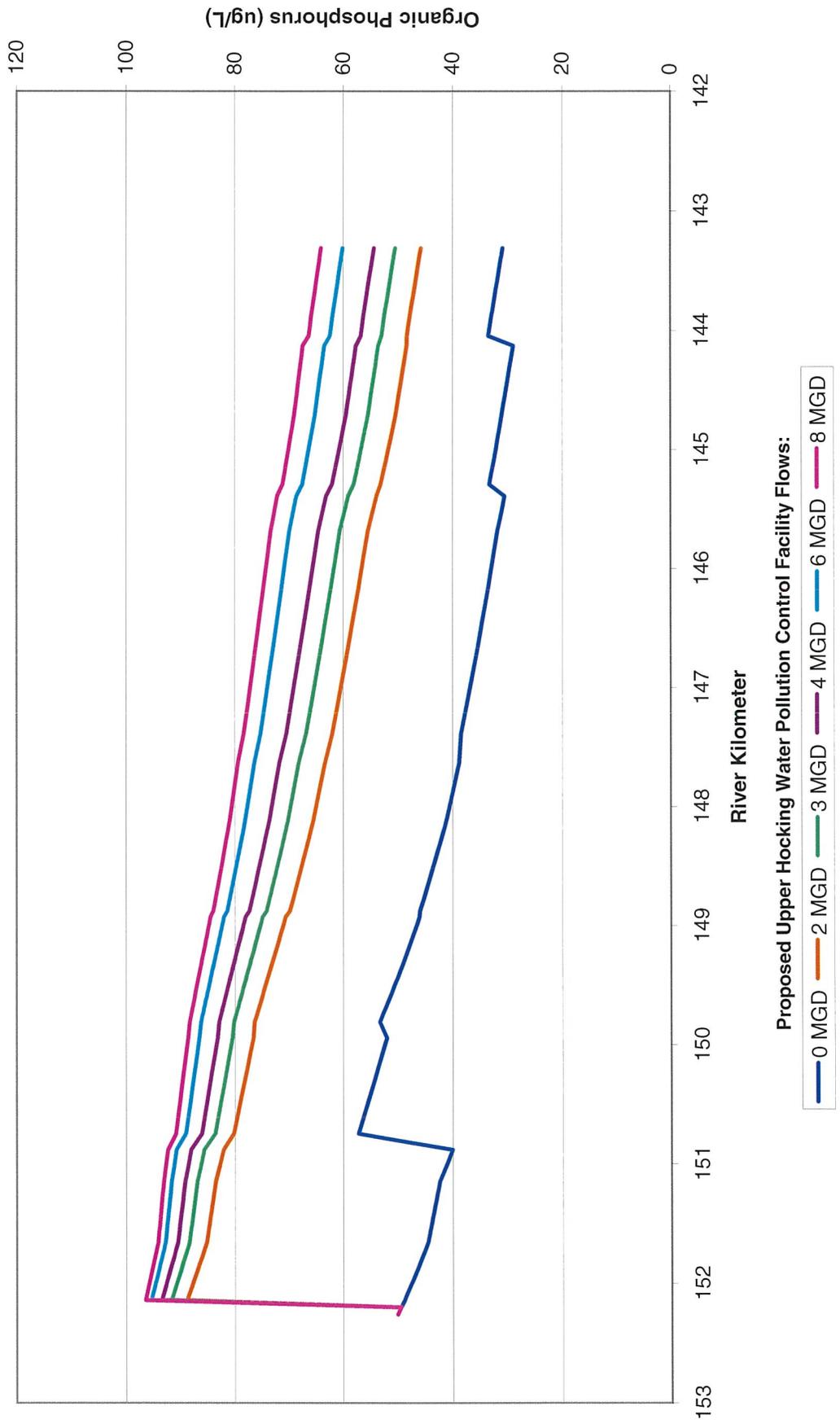


Figure N.11
7Q10 Winter Simulation Results
Inorganic Phosphorus

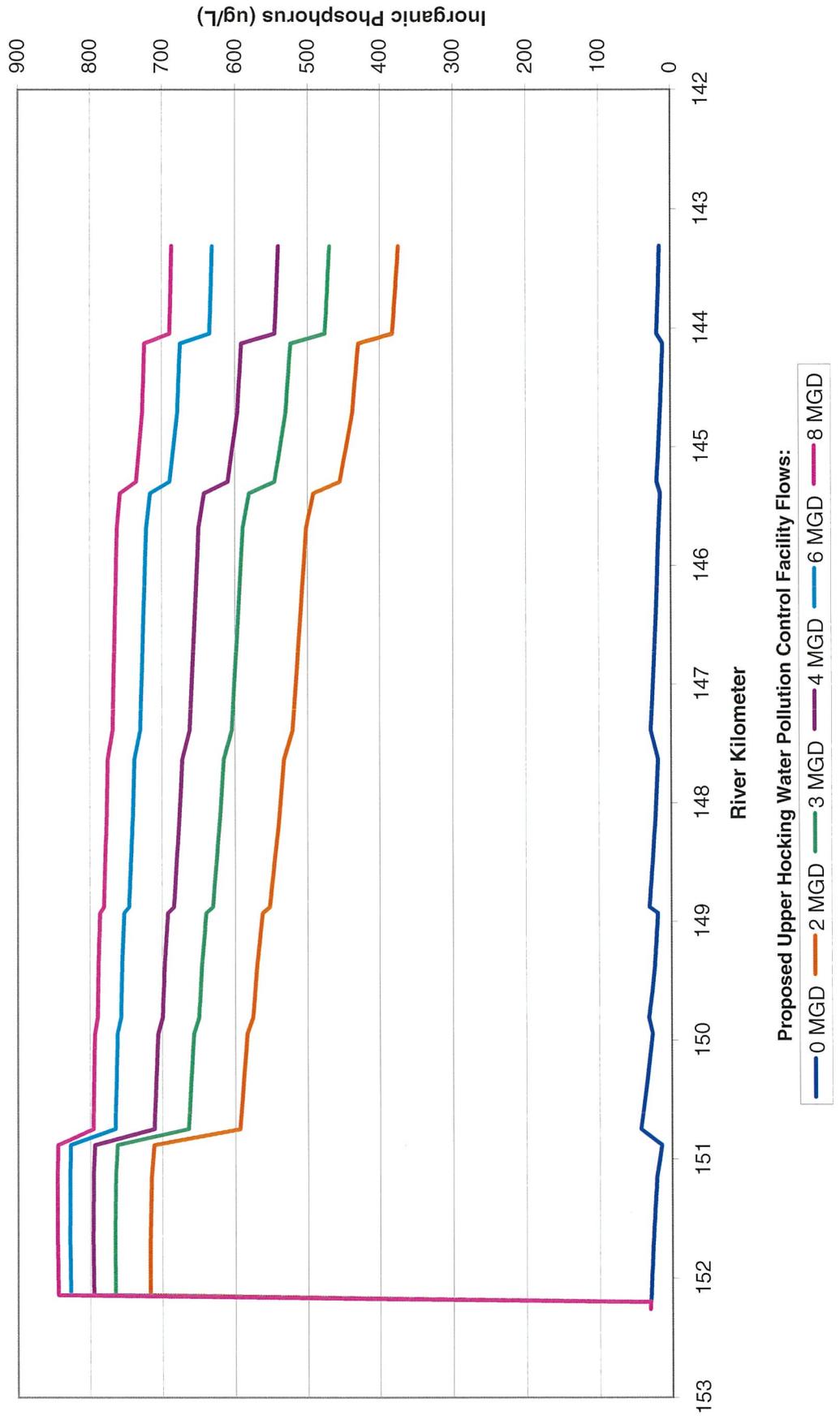


Figure N.1m
 7Q10 Winter Simulation Results
 Total Phosphorus

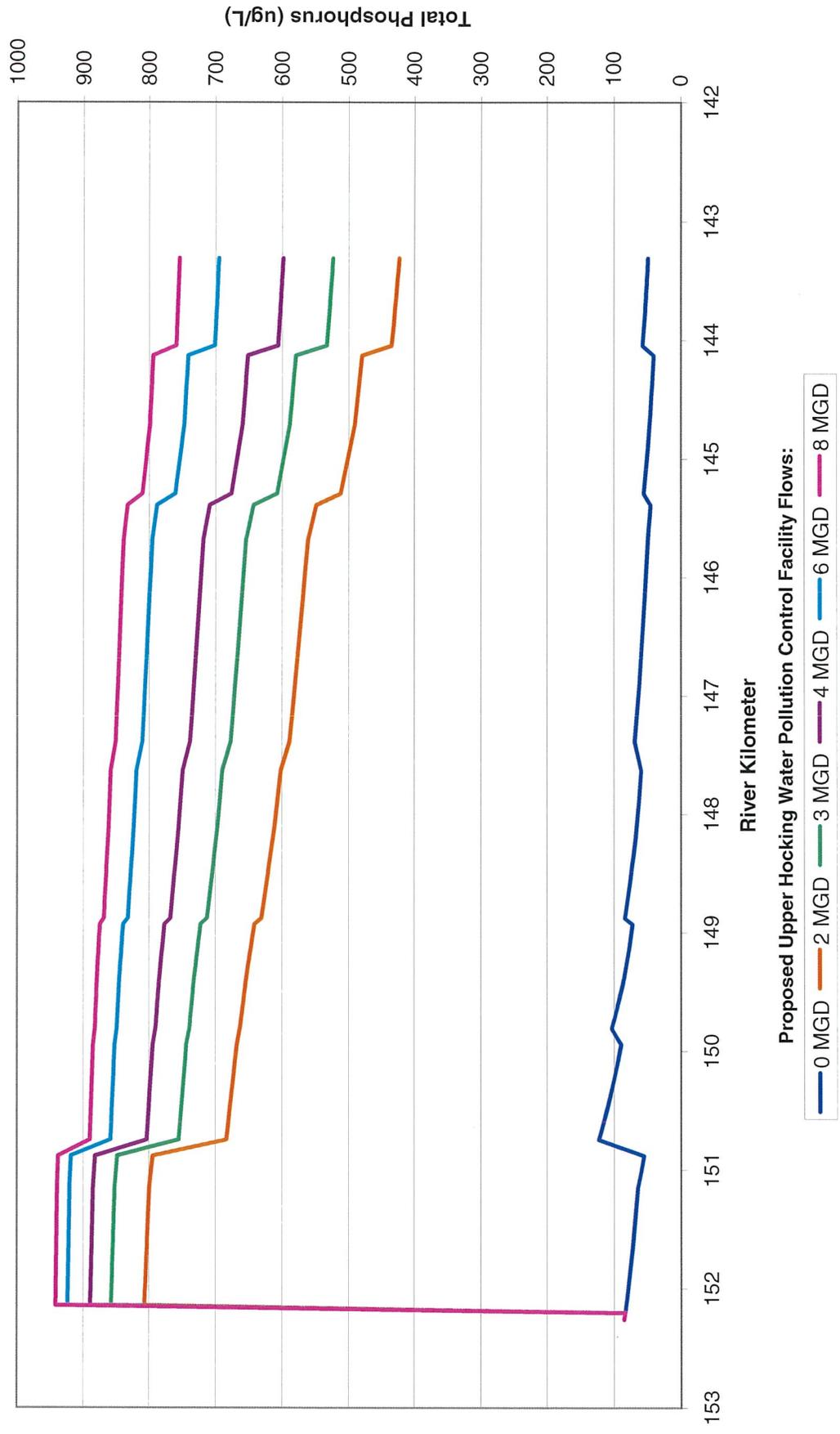


Figure N.1n
7Q10 Winter Simulation Results
Suspended Algae

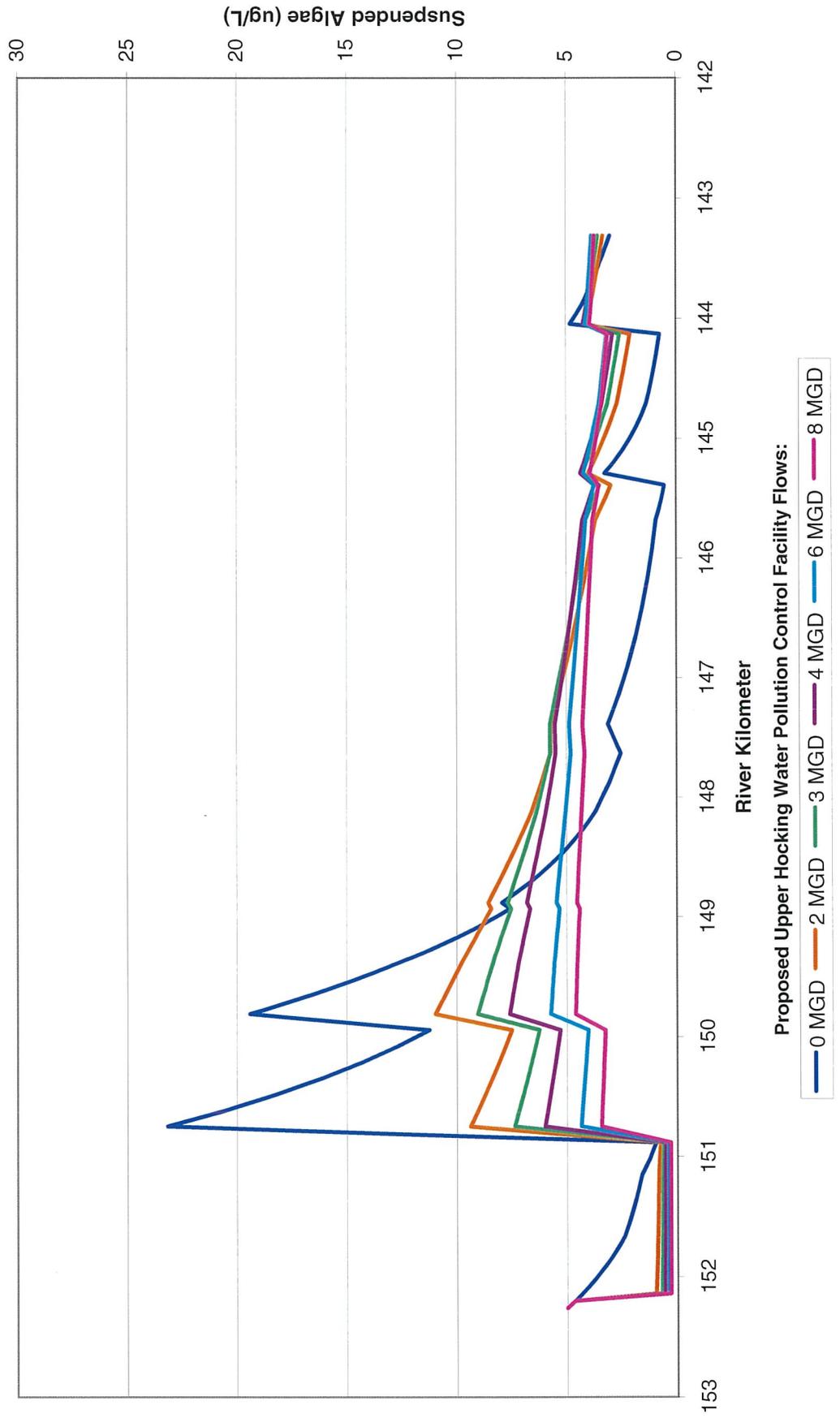


Figure N.1o
7Q10 Winter Simulation Results
Benthic Algae

