Technical Appendices

A. History of District

B. Literature Review and Bibliography

C. Stakeholder Involvement Process
   1. Community Advisory Committee
   2. Technical Advisory Committee
   3. Comments and Responses
      i. Community Advisory Committee
      ii. Technical Advisory Committee
      iii. 60-day Review Period
   4. Public Hearing

D. Hydrologic Input Parameters

E. Critical Storage Maps

F. Subwatershed Drainage Map

G. Precipitation Data

H. Mean Daily Flow Data (Box Plots)
   1. MS1 Station
      i. Aggregate Flows
      ii. Yearly Flows
   2. MS2 Station
      i. Aggregate Flows
      ii. Yearly Flows
   3. 100th Station
      i. Aggregate Flows
      ii. Yearly Flows
   4. Powers Inlet Station
      i. Aggregate Flows
      ii. Yearly Flows
   5. Powers (2) Inlet Station
      i. Yearly Flows

I. Stream Quality Concentration Data (Box Plots)
   1. MS1 Station, By Year
      i. Total Phosphorus
ii. Orthophosphorus
iii. Total Suspended Solids
iv. Volatile Suspended Solids
v. Total Kjeldahl Nitrogen
vi. Nitrate-Nitrite Nitrogen
vii. Ammonia
viii. Fecal Coliform
ix. Chemical Oxygen Demand
x. Copper
xi. Nickel
xii. Lead
xiii. Zinc
xiv. Cadmium
xv. Chromium
xvi. Chloride
xvii. Hardness

2. MS2 Station, By Year
   i. Total Phosphorus
   ii. Orthophosphorus
   iii. Total Suspended Solids
   iv. Volatile Suspended Solids
   v. Total Kjeldahl Nitrogen
   vi. Nitrate-Nitrite Nitrogen
   vii. Ammonia
   viii. Fecal Coliform
   ix. Chemical Oxygen Demand
   x. Copper
   xi. Nickel
   xii. Lead
   xiii. Zinc
   xiv. Cadmium
   xv. Chromium
   xvi. Chloride
   xvii. Hardness

3. 100th Street Station, By Year
   i. Total Phosphorus
   ii. Total Suspended Solids
   iii. Volatile Suspended Solids
   iv. Total Kjeldahl Nitrogen
   v. Nitrate-Nitrite Nitrogen
   vi. Ammonia
   vii. Fecal Coliform
   viii. Chemical Oxygen Demand
   ix. Copper
   x. Nickel
   xi. Lead
   xii. Zinc
   xiii. Cadmium
   xiv. Chromium
   xv. Chloride
4. Powers Inlet Stations, By Year
   i. Total Phosphorus
   ii. Total Suspended Solids
   iii. Volatile Suspended Solids
   iv. Total Kjeldahl Nitrogen
   v. Nitrate-Nitrite Nitrogen
   vi. Ammonia
   vii. Fecal Coliform
   viii. Chemical Oxygen Demand
   ix. Copper
   x. Nickel
   xi. Lead
   xii. Zinc
   xiii. Cadmium
   xiv. Chromium
   xv. Chloride

5. Comparison of Sites, All Years
   i. Total Phosphorus
   ii. Orthophosphorus
   iii. Total Suspended Solids
   iv. Volatile Suspended Solids
   v. Total Kjeldahl Nitrogen
   vi. Nitrate-Nitrite Nitrogen
   vii. Ammonia
   viii. Fecal Coliform
   ix. Chemical Oxygen Demand
   x. Copper
   xi. Nickel
   xii. Lead
   xiii. Zinc
   xiv. Cadmium
   xv. Chromium
   xvi. Chloride
   xvii. Hardness

J. Stream Quality Concentration Tabular Data

1. MS1 Station
   i. Year 2000 Data
   ii. Year 2001 Data
   iii. Year 2002 Data
   iv. Year 2003 Data
   v. Year 2004 Data

2. MS2 Station
   i. Year 2000 Data
   ii. Year 2001 Data
   iii. Year 2002 Data
   iv. Year 2003 Data
   v. Year 2004 Data
3. 100th Street Station
   i. Year 2002 Data
   ii. Year 2003 Data
   iii. Year 2004 Data

4. Powers Lake Inlet Stations
   i. Year 2001 Data
   ii. Year 2002 Data
   iii. Year 2004 Data

K. Lake Data (Box Plots)

1. Armstrong Lake, By Year
   i. Total Phosphorus
   ii. Chlorophyll-a
   iii. Secchi Depth
   iv. Total Kjeldahl Nitrogen
   v. Chloride
   vi. Water Levels

2. Wilmes Lake, By Year
   i. Total Phosphorus
   ii. Chlorophyll-a
   iii. Secchi Depth
   iv. Total Kjeldahl Nitrogen
   v. Water Levels

3. Markgrafs Lake, By Year
   i. Total Phosphorus
   ii. Chlorophyll-a
   iii. Secchi Depth
   iv. Total Kjeldahl Nitrogen
   v. Water Levels

4. Powers Lake, By Year
   i. Total Phosphorus
   ii. Chlorophyll-a
   iii. Secchi Depth
   iv. Total Kjeldahl Nitrogen
   v. Chloride
   vi. Water Levels

5. Colby Lake, By Year
   i. Total Phosphorus
   ii. Chlorophyll-a
   iii. Secchi Depth
   iv. Total Kjeldahl Nitrogen
   v. Water Levels

6. Gables Lake, By Year
   i. Total Phosphorus
   ii. Chlorophyll-a
   iii. Secchi Depth
   iv. Total Kjeldahl Nitrogen
7. La Lake, By Year
   i. Total Phosphorus
   ii. Chlorophyll-a
   iii. Secchi Depth
   iv. Total Kjeldahl Nitrogen

8. Ravine Lake, By Year
   i. Total Phosphorus
   ii. Chlorophyll-a
   iii. Secchi Depth
   iv. Total Kjeldahl Nitrogen
   v. Water Levels

9. Comparison of Lakes, All Years
   i. Total Phosphorus
   ii. Chlorophyll-a
   iii. Secchi Depth
   iv. Total Kjeldahl Nitrogen
   v. Chloride
   vi. Water Levels

L. Groundwater Data (Box Plots)
   1. Comparison of Groundwater Levels, All Years
   2. MW1 Station Levels, By Year
   3. MW2 Station Levels, By Year
   4. MW3 Station Levels, By Year
   5. MW3S Station Levels, By Year
   6. MW3D Station Levels, By Year
   7. MW4 Station Levels, By Year
   8. MW5 Station Levels, By Year
   9. MW1 Station Monthly Clock Diagram
   10. MW2 Station Monthly Clock Diagram
   11. MW3 Station Monthly Clock Diagram
   12. MW3S Station Monthly Clock Diagram
   13. MW3D Station Monthly Clock Diagram
   14. MW4 Station Monthly Clock Diagram
   15. MW5 Station Monthly Clock Diagram

M. Decision Trees for Selecting Best Management Practices