

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