**DROUGHT MANAGEMENT PLAN TEMPLATE**

**EXECUTIVE SUMMARY**

**ACKNOWLEDGEMENTS**

**TABLE OF CONTENTS**

**LIST OF FIGURES**

**LIST OF TABLES**

**LIST OF APPENDICES**

**INTRODUCTION AND OBJECTIVES**

*This section introduces the water supplier and provides context for the drought plan. Sub-sections may include:*

Background

Historical, Current, and Potential Drought Impacts

Drought Plan Purpose and Objectives

Components of the Drought Plan

**WATER SUPPLY AND DEMAND PROFILE**

*This section includes a detailed overview of the water supplier’s current and future supply and demand (based on the water supply and demand analysis completed by the water supplier). Sub-sections may include:*

Current and Future Water Supply

Current and Future Water Demand (by customer sector, where possible)

Potential Emergency Water Supply

Most Vulnerable Sectors

Highest Water Users

**FACTORS INFLUENCING THE POTENTIAL FOR DROUGHT**

*This section provides a description of the hydrological nature of the water supplier with respect to its vulnerability to drought. Sub-sections may include:*

Winter Snowpack

Spring Rains

Summer Climate and Fall Reservoir Levels

Watershed Factors

Global Climate Trends

Forecasted Impact of Climate Change on Okanagan Valley

**DROUGHT FORECAST APPROACH**

*This section characterizes a drought forecast approach as a means of predicting future water supply conditions. By recognizing the potential for future drought, the drought response measures may be implemented to reduce the incidence and/or potential impact of water shortages. Sub-sections may include:*

Forecast Parameters

Storage Levels

Snowpack Conditions

Temperature and Precipitation

River Forecast Centre Bulletins

Provincial Drought Declarations

Customer Demand Levels

Decision-making Approach (include flow chart, checklist, and/or decision tree)

**DROUGHT STAGES**

*This section describes the conditions under which the drought response plan is implemented. It should include a summary table/matrix that describes the supply status and trigger factors, goals, drought response, and communication and enforcement for each stage. Sub-sections may include:*

Normal (No Drought, Average, or Wet Years)

Stage 1 – Dry (Mild Drought)

Stage 2 – Very Dry (Moderate Drought)

Stage 3 – Extremely Dry (Severe Drought)

Stage 4 – Emergency

Loss of Community Supplies

**DROUGHT PLAN IMPLEMENTATION (DROUGHT RESPONSE PLAN)**

*This section outlines the staged approach to water management and defines the roles of the water supplier and the water users/customers during drought. Sub-sections may include:*

Drought Response Team (include information on the team in Appendix A)

Communications (include communications plan in Appendix B)

Monitoring

Operational Measures

Demand-side Measures (include copy of water use bylaw and water conservation plan in appendices C and D)

**DROUGHT PLAN UPDATES**

*This section describes when, why, and by whom the drought plan should be reviewed and updated.*

**RECOMMENDATIONS**

*This section includes any recommendations that come up while preparing the drought plan.*

**REFERENCES**

**APPENDIX A – DROUGHT RESPONSE TEAM**

**APPENDIX B – COMMUNICATIONS PLAN**

**APPENDIX C – WATER USE BYLAW (RESTRICTIONS)**

**APPENDIX D – WATER CONSERVATION PLAN**