DISCLAIMER

The Saskatchewan Association of Rural Water Pipelines, Inc. maintains the manual and Web site to enhance public access to all participating Department's information. This is a service that is continually under development. We will strive to make every effort to keep this site current and to correct errors brought to our attention.

The documents on the web-site contain hypertext pointers to information created and maintained by other public and private organizations. Please be aware that we do not control or guarantee the accuracy, relevance, timeliness, or completeness of this outside information. Further, the inclusion of pointers to particular items in hypertext is not intended to reflect their importance, nor is it intended to endorse any views expressed or products or services offered by the author of the reference or the organization operating the site on which the reference is maintained.

The information provided in the manual or on the web site is only intended to be general summary information to the public. It is not intended to take the place of either the written law or regulations.

The user of the Manual waives and discharges the authors of the Manual, all applicable departments and all employees, offices and agents from any claim they may have based upon use or reliance on the Guide.

ACKNOWLEDGEMENTS

The Saskatchewan Association of Rural Water Pipelines, Inc. would like to acknowledge the following agencies/departments for the use of their reference material and for contributing to the development of the revised Manual:

PFRA/ARAP Saskatchewan Environment Saskatchewan Health SaskWater

CONTACT US

The Saskatchewan Association of Rural Water Pipelines, Inc. welcomes any comments or questions regarding the new revised manual or the web-site. Please forward comments to:

Saskatchewan Association of Rural Water Pipelines, Inc. Box 51 Hoey, Saskatchewan S0J 1E0 1-866-32 SARWP (7-2797)

e-mail: sarwp@sasktel.net web-site: www.sarwp.ca



The Rural Water Pipeline Handbook For Saskatchewan

The Rural Water Pipeline Handbook For Saskatchewan has been compiled with the assistance of Saskatchewan Government Agencies and industries who have expertise in the field of rural water pipelines. This guide replaces and updates the Rural Water Handbook for Sascompiled katchewan as PFRA in 2000. The intent of the revised Handbook is to provide new and existing rural water pipeline groups with basic design, installation and administration criteria for water pipeline organizations that are requlated in accordance to The Wa-Regulations, 2002 and ter Drinking Water Quality Standards and Objectives through Saskatchewan **Environment** and Saskatchewan Health.

QUICK REFERENCE TABLE OF CONTENTS

UNIT I - INTRODUCTION

1	Table of Contents	I -	3
1	Introduction	I -	15
1	Disclaimer/Acknowledgem	ent	s/
	Contact Us/Abbreviations	T-	16

UNIT II - IDENTIFICATION OF PARTNERS

1 Who Are The Agencies Involved II - 2

UNIT III - GETTING STARTED

1 Groundwork Preparation III - 2

UNIT IV - REGULA-TORY REQUIREMENTS

1	Introduction	1V -	2
2	Saskatchewan Enviro	onment Le	gis-
	lation	IV -	4
3	Saskatchewan Healtl	n Regulatio	ns
		IV -	16
4	References	IV -	22

UNIT V - APPROVALS & AGREEMENTS

1	Approval Requirements	V-	2
2	Agreement Requirements	V-	7
3	Easement Requirements	V -	9

UNIT VI - TECHNICAL DESIGN & OPERATIONAL GUIDE

1	Rural Pipeline Overview	VI - 2
2	Source Development	VI - 4
3	Pipeline Design	VI - 7
4	Pipeline Mechanical Appu	ırtenances
		VI - 14
5	Pipeline Routing	VI - 18
6	Pipeline Installation	VI - 21
7	Pipeline Maintenance	VI - 25
8	Pumphouses and Booster	r Stations
		VI - 28
9	Household Mechanical	VI - 31
10	Operational Procedures	VI - 34
11	Operating Requirements	VI - 38

UNIT VII - ADMINISTRA-TION, GROWTH & DEVELOPMENT

1	Organizational Structure	VII - 2
2	Personnel and Contacts	VII - 4
2	Meetings	VII - 5
3	Meeting Structure	VII - 7
4	Subscriber Agreements	VII - 9
5	Other Agreements	VII - 12
6	Water Rates	VII - 15
7	Service Charges	VII - 16
8	Establishing Billing Cycles	s VII - 18
9	Administration of Regulate	ory Issues
		VII - 20
10	General Office Procedure	sVII - 22
11	Subscriber Records	VII - 28
12	Utility Records	VII - 32

UNIT VIII - APPENDICES / REFERENCES

UNIT I	INTRODUCTION	VIII -	2
UNIT II	IDENTIFICATION OF PARTNERS	VIII -	2
UNIT III	GETTING STARTED	VIII -	2
UNIT IV	REGULATORY REQUIRMENTS	VIII -	2
UNIT V	APPROVALS & AGREEMENTS	VIII -	2
UNIT VI	TECH. DESIGN & OPERATIONAL GUIDE	VIII -	3
UNIT VII	ADMINISTRATION, GROWTH & DEVELO	PMENT	
		VIII -	3